

# **MS 285 Finding Aid**

## **The William C. Miller Collection**

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### *Introduction:*

William C. Miller was born on April 22, 1910 in Tacoma, Washington. In 1929, Miller found himself accompanying a group of fellow astronomy students from the California Institute of Technology into the mountains of Arizona to test the effectiveness of various telescopes. As a result of that summer, he was again recruited in 1930 for a similar project, but the Depression caused him to withdraw from CIT the following year. Nevertheless, he maintained the many contacts made through those endeavors, and became increasingly interested in the many archaeological sites they had encountered while on their astronomical missions. By the 1930's, Miller was working as a photographer and optical engineer, eventually receiving a B.A. from UCLA in 1947. All the while he continued to become more interested in archaeology and essentially taught himself the basic skills of the discipline. In 1949 Miller began working in the photographic laboratories of Mount Wilson Observatory, where he remained employed until his retirement in 1975. But it was his other passion of archaeology in addition to his astronomical and photographic training that led to his becoming involved with MNA.

By 1953, Miller was already a veteran of numerous trips to the regions of the Navajo and Glen Canyon systems when he set out for White Mesa. But with that trip, he began what would end up a life-long association with MNA, and working with MNA archaeologists during these survey expeditions while on his summer vacations from Mount Wilson Observatory. While he was well known in among astronomers for his pioneering work in the use of color photography in the field, he also garnered much attention from archaeologists for his publications regarding two pictographs in Arizona which he hypothesized depicted a supernova which had occurred in 1054. Perhaps his most significant contribution to the advancement of this region's archaeology, however, was his photographic skills and tireless efforts to survey many of the areas of this region previously unknown to archaeologists. His work with the likes of Robert Euler, Dave Breternitz, Alexander Lindsay, Christy Turner and many others has thus resulted in the collection here. These materials were graciously donated to MNA upon his death in 1981. Certainly, his prodigious assemblage of photographs are the most valuable aspect of the collection, but they will appear listed under a separate aid. This finding aid, however, does detail all of the papers, drafts, maps, correspondence and assorted ephemera he produced and collected in the course of his 40 + years of work in northern Arizona and southern Utah.

As for the organization of the collection, it is fairly self-explanatory and the table of contents should provide the minimal direction needed to evaluate the materials. Miller's numerous notes, drafts and reports are listed chronologically, as is his correspondence. It is hoped that this aid will provide the researcher with a simple and effective means to delineate which documents they wish to view.

## **Papers/Correspondence**

### **Bound Report Volumes:**

Volume 1: The Exploration of the White Mesa in Northern Arizona – June, 1953. 45 pages plus photos.

Volume 2: The Exploration of Navaho Canyon, Arizona – 1954. 53 pages plus photos.

Volume 3: The Exploration of Navaho Canyon, Arizona – 1955. 80 pages plus photos.

Volume 4: The Exploration of Navaho Canyon, Arizona – 1957. 66 pages plus photos.

Volume 5: The Exploration of Navaho Canyon, Arizona – 1958. 90 pages plus photos.

Volume 6: The Exploration of the San Juan River Highlands – 1960. 53 pages plus photos.

Volume 7: The Exploration of Cummings Mesa, Arizona – 1961. 52 pages plus photos.

Volume 8: Wild Cat Butte – Agathla Peak – Chuska Mountains – 1962. 80 pages.

Volume 9: The Exploration of Hoskinnini and Nakai Mesas, Arizona – 1963. 60 pages plus photos.

Volume 10: Probing the Past in Turkey Cave: Tsegi Canyon, Arizona – 1963. 44 pages plus photos.

Volume 11: The Exploration of Tyende Mesa, Arizona – 1964. 94 pages plus photos.

Volume 12: The Chuska Mountains and Los Gigantes – 1965. 74 pages plus photos.

## Section 1 -- Bequest:

### Folder 1: Correspondence/Notes related to Bequest:

1. Undated notes of bequest notification and contents of Miller's donation on MNA stationary.
2. John H. Whatley (Miller's attorney/executor) to Robert Bowen (MNA), January 8, 1982. Re: Notification of Bequest and its contents; request for official acceptance of bequest. 1 page.
3. Dottie House to Bowen, January 13, 1982. MNA memo Re: Miller bequest contents. 1 page.
4. Bowen to House, January 17, 1982. MNA memo Re: Miller bequest. 1 page.
5. California Superior Court of Los Angeles County official Receipt for Miller bequest by MNA from John H. Whatley dated January 18, 1982. 2 copies, 1 page each.
6. Bowen to Whatley, January 19, 1982. Re: Official acceptance of bequest; return of signed receipt in Folder 1:5. 2 copies, 1 page each.
7. Whatley to Bowen, January 26, 1982. Re: Letter of 1/19/82; shipping costs of bequest material. 2 copies, 1 page each.
8. Whatley to House, May 27, 1982. Re: Shipping of Bequest material. 1 page.
9. House to Whatley, June 4, 1982. Re: Letter of 5/27/82; shipping costs. 1 page.
10. California Superior Court of Los Angeles County official Receipt for Miller bequest by MNA from John H. Whatley dated July 14, 1982. 1 page.
11. Preliminary negative and photograph lists for MS 285 compiled in 1984 with accompanying hand-written notes/memos. 8 pages.

## Section 2 -- Notes:

### Folder 2: Miller's notebooks:

1. Hardbound, brown "Transit Book" notebook – Empty.
2. Hardbound, brown "Transit Book" notebook – Notes labeled "White Mesa 1953" and "White Mesa 1977" with misc. inserted notes/receipts.

### Folder 2.1: Notebooks cont.:

1. Hardbound, brown "Transit Book" notebook – Notes for June and August, 1952.
2. Hardbound Green spiral bound notebook – Labeled "Wm. C. Miller Vard Inc. Pasadena, Calif." Mostly empty with a few misc. notes.

### Folder 2.2: Notebooks cont.:

1. Hardbound, light brown notebook – Labeled "1960/Miller/1961/1962/196 /1964/1965" with misc. receipts.
2. Cardboard bound spiral stenographer's notebook – Miscellaneous site notes. Misc. notes on assorted books/reports.

### Folder 2.3: Notebooks cont.:

1. Light brown cardboard bound spiral notebook – Labeled "Prague – 1967 / Chile - Scotland - Switzerland – 1973 / Geneva – 1975 / Chile – 1976."
2. Cardboard bound "Spell - Write" spiral stenographer's notebook – Labeled "Misc. Notebook – Max Lammerer – 8/19 - 9/5/78."

3. Cardboard bound green spiral stenographer's notebook – Labeled
 

“Geneva, Switzerland	1978	April
Munchen, W. Germany	“ ”	May -
Lichtenfels	“ ”	May -
Nice, France	“ ”	May 24”

Folder 2.4: Notebooks cont.:

1. Small black spiral notebook – Empty pages, back cover lists contacts at the *Star News*.
2. Small green spiral notebook – Labeled “1972 / Hamburg Confer. 3/16 to 3/26.”
3. Small black vinyl bound notebook – Contains Sherd sketches and misc. notes dated 1967.
4. Small brown spiral notebook – Labeled “grub lists and menus – 1954.” Contains daily meal plans and supplies needed.
5. Small green spiral notebook – Dated 1958, Contains daily meal plans and a few misc. notes.
6. Small brown spiral notebook – Undated, although June dates and days are listed with daily meal plans.

Folder 2.5: Unbound notes:

1. Three pages of notebook paper hand-written front and back and labeled “Geologic Notes.”
2. Miller's handwritten notes from June, 1953 trip to White Mesa. Taken from small notebook, includes preliminary prep lists for “grub” and other needed supplies.
3. Approx. 20 small notebook pages hand-written by Miller front and back. Labeled “1954 – 1<sup>st</sup> Navajo Canyon” in pencil.
4. 16 pages of small notebook paper hand-written by Miller front and back. Labeled “1955 Navajo Canyon” in pencil.
5. 10 pages of small notebook paper hand-written by Miller labeled “1956 Fred Hoyle trip” in pencil.
6. Four small pages of notes hand-written front and back by Fred Hoyle during 1956 trip with Miller.
7. 21 pages of notes on small notebook paper hand-written, front and back by Miller Labeled “1957 Navajo Canyon” in pencil.
8. 19 pages of notes on small notebook paper hand-written front and back by Miller from 1958 survey. Labeled “Navajo Canyon” in pencil.
9. 4 pages of notes on small notebook paper hand-written front and back by Miller. Labeled “Cave Springs near Kingman.”
10. 7 small notebook pages hand-written front and back labeled “Miller + Chuck Blair / May, 1972.” Last page is dated 5/9/73.
11. 6 small notebook pages hand-written front and back by Miller labeled “1974 – Miller, Brucato, Schoening, Ashbaugh.”
12. Hand-written astronomical notes and figures relating to the supernova of 1054. 17 pages.

Folder 2.6: “Grub Lists”/Survey supplies:

1. Miscellaneous receipts from May, 1954 for supplies in preparation for Navajo Canyon expedition.
2. Equipment, supply, food and menu lists for expeditions of various years between 1952 and 1972. Includes various, brochures, price lists, order forms, invoices and receipts for assorted food and supplies.

Folder 2.7: Lindsay Tyende Mesa Survey Notes:

1. Typed notes titled “Alexander J. Lindsay, Jr. - Daily Log - Tyende Mesa Survey - June 21, to July 4, 1964.” 18 pages with an additional page showing a pencil sketched map of the region.

Folder 2.8: Misc. Site notes:

1. Transcribed Excerpt from original site report for NA5815. Covers the section of the report dealing with pottery found at the site. 5 pages.
2. Transcribed Excerpt from original site report for NA7537. Covers the section of the report dealing with pottery found at the site. 5 pages.
3. Transcribed Excerpt from original site report for NA7519. Covers the section of the report dealing with pottery found at the site. 23 pages.
4. Copy of a plotted site profile labeled “NA 7376 - Broadside Face - Profile- AJI, CGT - October 25, 1959 - Glen Canyon” in the upper left corner, and stamped “Glen Canyon Project - Museum of Northern Arizona” in the lower left corner. Original housed in MNA site file. 1 page.
5. Large plotted ledger sheets listing categorized site-by-site information (Type, artifact materials found, geology, location, etc.) for sites throughout the Navajo Canyon region. 6 sheets.
6. Typed document listing various sites and previous reporting on them by “West”, “Morss”, “PE”, “Cummings”, “Fewkes” or “Bernheimer” with associated “Names and Dates.” 1 page.
7. Hand-written/drawn chart delineating pottery types and their existent time frames. 1 page.
8. Informational site notes about Betatakin, Inscription House, Wupatki and White House ruins. 1 page.

Folder 2.9:

1. Typed document titled Whole Vessels at Arizona State Museum From “Nitsie Canyon” dated March 19, 1962 by D.A. Breternitz. 2 pages.

Folder 2.10:

1. Typed, hand-edited transcribed daily log of the 1963 survey at Hoskinnini and Nakai Mesas. 18 pages.
2. Revised, hand-edited draft of 1963 daily log, bearing title Archaeological Reconnaissance of Hoskinnini and Nakai Mesas – April 30 to May 11, 1963. Header on page one has report addressed to Lindsay at MNA. 18 pages.
3. Typed (final ?) draft of 1963 daily log. 26 pages.

Folder 2.11:

1. Sort able punch cards with associated lists of site information codes for the cards. 7

cards, 10 pages.

Folder 2.12:

1. Typed transcripts of Byron Cummings expedition notes from 1906-1914 in San Juan County, Utah and Northern Arizona. Notes include site descriptions, artifact lists and some contemporary Navajo and Hopi ethnographic descriptions. Approx. 100 pages.

Folder 2.13:

1. Typed transcript of Charles Bernheimer's Notes from 1921 expedition with Earl Morris, John Wetherill and Ezekial Johnson along with Navajo guides *Notsisan* and *Shadani* ("My Son-in-law"). 37 pages
2. Photocopy of Bernheimer notes (item 1). 37 pages.
3. Letter from Breternitz to Miller which accompanied Bernheimer notes dated February 3, 1958. \*\*COPY\*\* Original in Folder 4.1 – # 43. 1 page.
4. Page of hand-written notes Labeled "Bernheimer Notes 1921 – 'Shonto Springs = Shonto.'" 1 page.

Folder 2.14:

1. Typed and hand-written transcripts of Earl Morris's notes from 1921 Expedition with Bernheimer, Weatherill and Johnson along with Navajo guides Jess and Al Smith. 14 pages.
2. Photocopy of typed portion of 1921 Morris notes (item 1). 12 pages.
3. Typed transcripts of Earl Morris's notes from 1922 expedition with Bernheimer. 13 pages plus a small note card bearing hand-written notes.

Folder 2.15:

1. Various typed and hand-written notes, lists, and maps dealing with place names in and around Navajo Canyon and associated sites. 30 pages.
2. Document titled A List of Place Names in the Glen and San Juan Canyons Area by Maurice E. Cooley (MNA). List compiled from U.S.G.S. and other maps.

Folder 2.16:

1. Hand-written notes, graphs and figures dealing with aerial photography. 14 pages.
2. Assorted diagrams of multiple-lens composite aerial photography arrangements.

Folder 2.17: Navajo Language Guides:

1. Miller's worn field guide of Navajo titled *The ABC of Navaho* (sic) by Robert W. Young and William Morgan. Published by the Phoenix Indian School (1946).
2. Three Navajo language booklets with associated answer/correction sheets. They are titled: *Book I: Preprimer*; *Book II: Primer*; *Book III: Reader*. Published by the Phoenix Indian School (1952).
3. Booklet titled *Talking Navajo Before You Know It.* Published by the BIA. Included is a letter from the BIA to Miller dated March 19, 1954 which accompanied the booklet.

**Section 3 – Manuscripts/Drafts**

Folder 3:

1. Short typed manuscript titled “Introduction.” It is apparently an attempt by Miller to write a memoir of sorts, along with expanding and rewriting the volumes of accounts from 1953 to 1965. Introduction contains a brief account of the years 1930 to 1949 when Miller began his association with MNA and the archaeological expeditions of his later years. 5 pages.

Folder 3.1:

1. Typed and hand-edited rough draft of a report titled Jeep Trip To Monument Valley, 1949. 44 pages.
2. Updated, typed, and incomplete draft of Jeep Trip To Monument Valley, 1949, now titled Monument Valley by Jeep – 1949. 9 pages.

Folder 3.2:

1. Original typed and hand-edited draft of a report titled Camino Del Diablo and Crater Elegante. Describes a brief trip through southern Arizona from December 27 to December 31, 1950 with an unnamed partner (perhaps Helmut Abt). 13 pages.
2. Mimeographed, unedited copy of Camino Del Diablo and Crater Elegante. 13 pages.

Folder 3.3:

1. Typed report titled Second Trip to the Pinacate Region. A brief excursion in March, 1951 with Dr. [?] Leonard, Helmut Abt, Dick Jahns and an unnamed “Mexican student” (“we called him Choo-choo”) from the Cal Tech geology Dept. Party made a brief study of Crater Elegante, visited first in December, 1950 by Miller and Helmut Abt (?). 4 pages.

Folder 3.4:

1. Typed and hand-edited copy of a report titled An Account of the Third Expedition into the Pinacate Region. Members of party included Miller, Dick Jahns, Jahns’ father and Jesus Ruez (“Choo-choo” from the previous trip). Left CA on March 30, 1951 for a week to more extensively explore and examine Crater Elegante. 17 pages.
2. Mimeographed and unedited copy of An Account of the Third Expedition into the Pinacate Region. 17 pages.

Folder 3.5:

1. Typed hand-edited copy of a report titled The Fourth Trip to the Pinacate Region. The weekend excursion commenced on April 27, 1951 with Miller, Richard Jahns, Barclay Kamb (a geology student at Cal Tech) and Peter Kamb (a botany student at UC Berkeley). 9 pages.
2. Mimeographed and unedited copy of The Fourth Trip to the Pinacate Region. 9 pages.

Folder 3.6:

1. Typed report titled Calderas of the Pinacate Region, Northwestern Sonora, Mexico. Report summarizes the four trips made to the region in early 1950. 14 pages.
2. Typed, hand-edited, untitled, and incomplete manuscript pages. The document



appears to be a segment of an earlier draft of Calderas of the Pinacate Region, Northwestern Sonora, Mexico. 2 pages.

3. Complete hand-edited, untitled draft of Calderas of the Pinacate Region, Northwestern Sonora, Mexico. 15 pages.

4. Typed, (final?) draft of Calderas of the Pinacate Region, Northwestern Sonora, Mexico with authorship given as “by Richard H. Jahns and William C. Miller.” 10 pages.

Folder 3.7:

1. Typed draft of a short report titled Crater Elegante: Instructive Hole in the Ground. Addresses the geologic history of Elegante and the surrounding region. 4 pages.

2. Typed, hand-edited draft of an untitled report. Addresses the geologic history of Crater Elegante and the surrounding region. Appears to be notes for a presentation with corresponding slides referred to in the text. 4 pages.

Folder 3.8:

1. Typed, hand-edited draft of a report titled Annals of the Jeepers Creepers For 1951 - or - Two “Weeks” in A Jeep. Account of a trip into Northern Arizona canyon country with Arthur Abt in September, 1951. 37 pages.

2. Mimeographed, hand-edited copy of Annals of the Jeepers Creepers For 1951 - or - Two “Weeks” in A Jeep. 37 pages.

Folder 3.9:

1. Typed, hand-edited draft of a report titled The 1952 Junket of the “Jeepers Creepers”. Trip in June, 1952 with Miller, Arthur Abt, Barclay Lamb and Bill Livingston to the “Land of Standing Rocks.” 35 pages.

2. Mimeographed, hand-edited copy of The 1952 Junket of the “Jeepers Creepers”. 35 pages.

3. Typed, unedited copy of an untitled report. Appears to be a shorter draft of the report later written as The 1952 Junket of the “Jeepers Creepers”. 14 pages.

Folder 3.10a:

1. Typed, hand-edited draft of a report titled Jeep Trip to White Mesa - 1952. Excursion made in late August, 1952 with Miller and Dick Cain (friend of Miller). 21 pages.

2. Mimeographed, hand-edited copy of Jeep Trip to White Mesa - 1952. 21 pages.

3. Typed, unmarked final (?) draft of report titled Jeep Trip to the White Mesa - 1952. 28 pages.

4. Mimeographed, hand-edited copy of the longer draft of Jeep Trip to the White Mesa 1952. 28 pages.

Folder 3.10b:

1. Typed copy of a report titled Report of the Exploration of the White Mesa, Arizona by Miller and Helmut A. Abt. Dated July 28, 1953, the short report was submitted to Drs. Colton and Euler at MNA. 5 pages

2. Miller to Colton, July 28, 1953. Re: Preliminary report for 1952 survey (Letter accompanied report \*\*COPY\*\* Original in Folder 4.11 – # 1) 1 page.

3. Colton to Miller, July 31, 1953. Re: 1952 report (\*\*COPY\*\* Original in Folder

- 4.11 – # 2) . 1 page.
4. Euler to Colton, August 21, 1953. Re: 1952 report (\*\*COPY\*\* Original in Folder 4.11 – # 3) . 1 page.

Folder 3.11:

1. Copy of a typed report titled The White Mesa. Relates to the exploration of 1953. Appears complete, though the pages are numbered 1 and 18-31. 15 pages.
3. Typed, hand-edited draft of The White Mesa. Misnumbered like above draft. 15 pages.
2. Original typed copy of a report titled The White Mesa. Identical to draft misnumbered above, shows extensive hand-editing throughout. 15 pages.
3. Mimeographed copy of The White Mesa. 15 pages.
4. Partial copy of The White Mesa. Attached is a note card bearing hand-written notes. 8 pages plus note card.

Folder 3.12:

1. Typed, hand-edited draft of a report titled The White Mesa. Appears to be an early draft of Miller's first bound volume. All are 15 pages.
2. Typed, hand-edited draft of The White Mesa. 16 pages.
3. Typed, hand-edited draft of The White Mesa. 16 pages.
4. Hand-written notes which contain line by line editing comments corresponding with these drafts. 4 pages.

Folder 3.13:

1. Typed, hand-edited draft of a report titled The Exploration of the White Mesa in Northern Arizona by Wm. C. Miller with Illustrations by Helmut Abt and Wm. C. Miller. Later draft of Miller's first bound volume. 25 pages.
2. Typed draft of The Exploration of the White Mesa in Northern Arizona by Wm. C. Miller with Illustrations by Helmut Abt and Wm. C. Miller. 26 pages.
3. Typed draft of The Exploration of the White Mesa in Northern Arizona by Wm. C. Miller with Illustrations by Helmut Abt and Wm. C. Miller. 26 pages.

Folder 3.14:

1. Typed, hand-edited final draft of Miller's first bound volume given to MNA titled Exploration of the White Mesa in Northern Arizona: June, 1953. 45 pages plus unnumbered photo caption pages.

Folder 3.15:

1. Typed list of photos and their descriptions taken during explorations of White Mesa in 1952 and 1953 titled Titles for Kodachrome Slides of The White Mesa by William C. Miller and Helmut Abt. 7 pages.
2. Titles for Kodachrome Slides of The White Mesa. 7 pages.
3. Typed photo captions/descriptions relating to images from White Mesa. The descriptions appear to have been prepared for inclusion in a report or for a slide presentation. Some of the images listed are in the first bound volume, but the captions are different. 3 pages.

Folder 3.16:

1. Typed, hand-edited draft of Miller's second bound volume covering the survey expedition to Navajo Canyon in 1954 titled Navajo Canyon:1954. 56 pages.
2. Mimeographed draft of Navajo Canyon:1954. Appears to be a cleaned up version of the above draft. 53 pages.

Folder 3.17:

1. Typed, hand-edited draft of Miller's third bound volume titled Navaho Canyon: 1955. 78 pages.

Folder 3.18:

1. Typed, minimally hand-edited draft of a report titled Jeep Jaunt: 1956. Account of a brief trip with Dr. Fred Hoyle of St. Johns College (Cambridge, England) in June, 1956 through the Southwest. 22 pages.

Folder 3.19:

1. Mimeographed draft of Miller's fourth bound volume for the MNA titled Navaho Canyon: 1957. 66 pages.
2. Segment of the 1957 report detailing a conflict that had occurred with the two Navajo guides on the 1957 excursion. It appears to have been edited out of the final draft. 3 pages.

Folder 3.20:

1. Mimeographed draft of Miller's fifth bound report for the MNA titled Navaho Canyon: 1958. 90 pages.

Folder 3.21:

1. Mimeographed copy of a draft and outline titled 1958 Navajo Canyon Survey: Preliminary Report by Wm. C. Miller and David A. Breternitz. One page of hand-written notes is appended. 7 pages.

Folder 3.22:

1. Typed, hand-edited draft of a document titled Introduction. Numbered pages from 4 to 14, has an additional five pages of hand-written notes appended. Appears to be a draft of an introduction to an extensive report intended to summarize the surveys conducted from 1953 through 1958.

Folder 3.23:

1. Typed, hand-edited and untitled draft of Miller's sixth bound volume. The 1960 expedition was led by Christy Turner into San Juan Canyon country in conjunction with the Glen Canyon Project. Manuscript is incomplete and contains extensive hand-written editing. Approx. 50 pages.

Folder 3.24:

1. Original report manuscript dealing with the dating of ceramics within the Pueblo I, II and III framework found among sites in Navajo Canyon. Author appears to be David Breternitz, as his last name is written in pencil atop the first page, along with the date

- “1960.” Some editing and comments throughout. 15 pages.
2. Document titled “Breternitz – Miscellaneous Comments on P II L & P II E.” Comments are by Breternitz and relate to the above draft. 4 pages.
  3. Copy of “Breternitz – Miscellaneous Comments on P II L & P II E.” 4 pages.
  4. Copy of “Breternitz – Miscellaneous Comments on P II L & P II E.” 4 pages.

Folder 3.25:

1. Typed, hand-edited manuscript of a report titled Ceramic Period Designations. Draft is by Breternitz for his section of the joint authored Navajo Canyon Report with Miller, Kamb and Euler. Includes original tables. 10 pages.
2. Copy of Ceramic Period Designations draft with appended “References Cited.” 12 pages.
3. Copy of Ceramic Period Designations draft with appended “References Cited.” 12 pages.
4. Typed draft of either an early or revised version of Ceramic Period Designations with original tables included. 8 pages.

Folder 3.26:

1. Typed draft of an introduction to a report titled The Archaeology of White Mesa and Navajo Canyon, Arizona by Miller, Breternitz and Euler. Along with Barclay Kamb, each co-authored a section of the report intended as a summary of the surveys done in the region throughout the 1950's. 8 pages.
2. Partial typed draft titled An Archaeological Survey of the White Mesa and Navajo Canyon System. 10 pages.
3. Extended draft of version titled An Archaeological Survey of the White Mesa and Navajo Canyon System. Includes bibliographies for the report and the region, respectively. 21 pages.
4. Copy of the extended draft and bibliographies (Item 3). 21 pages.
5. Either revised or earlier draft titled An Archaeological Survey of the White Mesa and Navajo Canyon System. Shows extensive hand-editing. 15 pages.
6. Copy of edited draft above (Item # 5). 15 pages.
7. Draft with revised penciled title of Archaeological and Geological Investigations of the White Mesa and Navajo Canyon System. 14 pages.
8. Typed and hand-edited segment of draft above (Item 7). 3 pages.

Folder 3.27:

1. Typed transcript titled “Bob Euler to Bill Miller via tape,” dated February 23, 1960. Appears to be an incomplete transcript of comments pertaining to the Navajo Canyon Report. 1 page.
2. Hand-written page of comments on the “DAB M.S.” 1 page.
3. Typed document titled DAB --- General Comments on Navajo Canyon Report dated June 6, 1961. Appended are the “References Cited” pages from the Ceramic Period Designations report in Folder 3.25. 6 pages.
4. Copy of DAB --- General Comments on Navajo Canyon Report with appended references. 6 pages.
5. Copy of DAB --- General Comments on Navajo Canyon Report without appended references. 3 pages.

6. Copy of DAB --- General Comments on Navajo Canyon Report without appended references. 3 pages.

Folder 3.28:

1. Typed manuscript of a report titled The Archaeology of White Mesa and Navajo Canyon, Arizona by William C. Miller, David A. Breternitz and Robert C. Euler, dated 1961. 47 pages.
2. Three Photocopies of The Archaeology of White Mesa and Navajo Canyon, Arizona 47 pages each.

Folder 3.29:

1. Mimeographed copy of a draft of Miller's seventh bound volume titled Cummings Mesa - 1961. There is minimal hand-written editing. 52 pages.

Folder 3.30:

1. Typed, hand-edited manuscript of Miller's eighth bound volume, titled 1962. 54 pages.

Folder 3.31:

1. Mimeographed manuscript of Miller's ninth bound volume titled 1963 - Part I. 60 pages plus appended photo captions/descriptions to be used in final report.

Folder 3.32:

1. Mimeographed manuscript of Miller's tenth bound volume titled Probing the Past in Turkey Cave - Tsegi Canyon - Arizona - 1963. 44 pages plus appended photo captions/descriptions to be used in final report.
2. Two copies of a document titled Miller Survey - 1963 - Glen Canyon Project MNA - NA Number Correlations. 1 page.

Folder 3.33:

1. Copy of a report manuscript titled Preliminary Report of 1963 Archaeological Investigations in Turkey Cave (NA 2520), Navajo National Monument, Arizona by David A. Breternitz, dated May, 1964. 26 pages plus original tables and figures.

Folder 3.34:

1. Mimeographed manuscript of Miller's eleventh bound volume titled The Exploration of Tyende Mesa, Arizona - 1964. 94 pages photo captions/descriptions to be used in final report.
2. Transcribed notes taken by Alexander Lindsay during Tyende Mesa survey of 1964. Includes pages titled "Environmental Notes," "General Comments," and site listings. 10 pages total.

Folder 3.35:

1. Mimeographed manuscript of Miller's twelfth bound volume titled The Chuskas and Los Gigantes - 1965. 74 pages.

Folder 3.36:

1. Two copies of a manuscript titled Northern Arizona - Southwest Utah - 1972. Account of a trip by Miller with friend Chuck Blair in May, 1972. There appears to be some slight variation in the manuscripts. 65 pages each.

Folder 3.37:

1. Manuscript for a report titled Chile, Scotland, and Switzerland - 1973. Details a trip by Miller to three astronomical observatories run by the European Southern Observatories Organization. Manuscript is incomplete with some hand-written editing. 17 pages.

Folder 3.38:

1. Copy of a manuscript titled White Mesa and Navajo Canyon. Details a trip taken in May, 1977 by Miller, Jon Czaplicki, Bill Schoening and Dave Breternitz. Appears to be incomplete. 61 pages.

Folder 3.39:

1. Typed, hand-edited draft of a report titled Alluvial Stratigraphy and History of the Navajo Canyon Area, Arizona by W. Barclay Kamb. Constitutes Kamb's contribution to the summary report coauthored with Miller, Euler and Breternitz. 42 pages.
2. Copy of draft above (item 1). 42 pages.
3. Typed, apparently revised draft of Alluvial Stratigraphy and History of the Navajo Canyon Area, Arizona. 52 pages.
4. Typed copy of a document titled "Comments by M. E. Cobley on Kamp's (sic) Navajo Canyon MS." 5 pages.
5. Short, hand-written page titled "Comments on Barclay." 1 page.
6. Typed copy of a document titled "Comments DABreternitz / on B. Kamp's (sic) Navajo Canyon MS." 1 page.

Folder 3.40:

1. Typed, hand-edited partial manuscript for an untitled report. Classifies and describes various sites within Basket Maker I, II, and Pueblo I, II and III categories. 11 pages.

Folder 3.41:

1. Typed, hand-edited draft of a report titled 1661 Chas Arnod -or-1861 Anno D? by Wm. C. Miller. The report refutes an earlier interpretation of an inscription found at Inscription House ruins. 3 pages.
2. Copy of a revised version of 1661 Chas Arnod -or-1861 Anno D?. Includes appended captions for figures used in report. 5 pages.

Folder 3.42:

1. Typed draft of a report titled Pollen Analysis of Alluvium from Binne-Ettini Canyon by Paul S. Martin and James Schoenwetter. Footnote states that the report is "Contribution No. 46 in the Program of Geochronology." Intended also as a contributing section to the Miller, Euler, Breternitz, Kamb summary report. 6 pages with an associated graph.
2. Copy of above draft (item 1). 6 pages with an associated graph.
3. An apparently rewritten, final version of Pollen Analysis of Alluvium from Binne-

Ettini Canyon. 6 pages with an associated graph.

Folder 3.43:

1. Typed manuscript of a report titled Corn and Squash From Four Sites in Navajo Canyon by Hugh Cutler. Intended also as a contributing section to the Miller, Euler, Breternitz, Kamb summary report. 3 pages.
2. Copy of above manuscript (item 1). 3 pages.

Folder 3.44:

1. Two typed, hand-edited rough drafts of a report titled The Use of Aerial Photographs in Archaeological Field Work by William C. Miller. Pages are interspersed, Approximately 60 pages total.
2. Typed, hand-edited revised draft of The Use of Aerial Photographs in Archaeological Field Work. 29 pages plus associated tables/figures.
3. Mimeographed (final?) draft of The Use of Aerial Photographs in Archaeological Field Work. 30 pages plus associated tables/figures.
4. Transcribed excerpt from "Aerial Photographs: Their use and Interpretation" by A. J. Eardley. Includes hand-written notes/figures. 7 pages.

Folder 3.45:

1. Hand-written pages in pencil titled "Symbols (1954)." Draft of various symbols to be standardized and used in future site surveys for MNA. 3 pages.
2. Revised Symbols draft with typed text and inked drawings. 2 pages.
3. Photocopy of above draft (item 2). 2 pages.
4. 2 copies of small reverse image copies of Symbols labeled "1955." 8 pages.
5. Expanded version of symbols document titled Symbols for Ground Plans of Prehistoric Ruins and dated 1956. Typed text and inked drawings. 4 pages.
6. One complete and one partial copy of 1956 Symbols draft. 7 pages.
7. Further revised version (final?) of symbols document dated 1957 with same title as 1956 draft. Typed text with inked drawings. 4 pages.
8. Seven copies of 1957 draft of Symbols. 28 pages.
9. Small reverse image copy of 1957 draft of Symbols. 4 pages.

Folder 3.46:

1. Mimeographed copy of a manuscript titled Prehistoric American Astronomers? A story of sorts meant to try and capture the events that surrounded the supernova of 1054 as they might have occurred in the Navajo Canyon region. 4 pages.
2. Typed, hand-edited draft of an untitled report discussing two pictographs found by Miller and thought to be representations of the supernova of 1054. 5 pages.
3. Typed hand-edited draft of a report titled Two Pictographs of Unusual Interest Found in Northern Arizona. 6 pages.
4. Typed hand-edited draft of a report titled Two Unusual Pictographs Found in Northern Arizona. 6 pages.
5. Typed, hand-edited revised draft of above report (item 3) retitled Two Unusual Astronomical Pictographs Found in Northern Arizona. 6 pages.
6. Typed, hand-edited revision retitled Two Possible Astronomical Pictographs Found in  
in

Northern Arizona. 5 pages.

7. Typed, hand-edited revision of above (item 5) draft bearing same title. 7 pages.
8. Typed, hand-edited partial draft of the supernova pictograph report. 2 pages.
9. Pages 1 and 3 of a draft of a report titled Two Prehistoric Drawings of Possible Astronomical Significance. Extensive editing, document incomplete and has two note cards attached for descriptions of "fig. 1" and "fig. 2" (not included). A third card shows a hand-drawn depiction of a sphere below a crescent. Above report title appears "Astronomical Society of the Pacific San Francisco, California Leaflet No. 314 - July, 1955" written in pencil.
10. Mimeographed (final?) draft of Two Prehistoric Drawings of Possible Astronomical Significance. 5 pages.

Folder 3.47:

1. Copy of the "Introduction" a report titled Survey and Excavations North and East of Navajo Mountain, Utah, 1959-1962 written in conjunction with the Glen Canyon Project. Author(s) unknown. 24 pages.
2. Letter from Lindsay to Miller which accompanied above report (item 1).  
\*\*COPY\*\* Original in Folder 4.2 - # 11. 1 page.

Folder 3.48:

1. Bound report manuscript titled The Design and Computation of Achromatic Telescope Objectives. 103 pages of text with numerous hand-drawn graphs throughout.

Folder 3.49:

1. Typed and hand-written pages and note cards dealing prehistoric age determinants. Seems to be organized as a presentation. 16 pages, 18 cards.

Folder 3.50:

1. Typed abstract and draft of a report titled Can Pictographs and Petroglyphs be Dated? 8 pages.



## Section 4 -- Correspondence

### Folder 4: Bob Euler:

1. Miller to Euler, August 25, 1953. Re: Previous and future surveys; Photography. 2 pages.
2. Euler to Miller, September 22, 1953. Re: Planning for 1954 survey to Navajo Canyon. 1 page.
3. Miller to Euler, October 1, 1953. Re: Planning for 1954 survey to Navajo Canyon. 2 pages.
4. Euler to Miller, October 22, 1953. Re: Planning for 1954 survey to Navajo Canyon; Publications dealing with Navajo Canyon and White Mesa. 1 page.
5. Euler to Miller, October 26, 1953. Re: Publications dealing with Navajo Canyon and White Mesa. 1 page.
6. Miller to Euler, November 14, 1953. Re: Publications dealing with Navajo Canyon and White Mesa; photography. 2 pages.
7. Euler to Miller, December 2, 1953. Re: Planning for 1954 survey to Navajo Canyon; Miller's proposed article on 1953 survey. 1 page.
8. Miller to Euler, December 12, 1953. Re: Planning for 1954 survey to Navajo Canyon; Miller's proposed article on 1953 survey. 2 pages.
9. Miller to Euler, December 16, 1953. Re: Sent with a booklet on Flexichrome photography process. 1 page.
10. Euler to Miller, December 18, 1953. Re: Reply to letter of 12/12/53. 1 page.
11. Miller to Euler, January 14, 1954. Re: Aerial photographs; Planning for 1954 survey to Navajo Canyon. 2 pages.
12. Euler to Miller, January 15, 1954. Re: Return of Flexichrome booklet. 1 page.
13. Miller to Euler, January 19, 1954. Re: Aerial photographs; Planning for 1954 survey to Navajo Canyon. 2 pages.
14. Euler to Miller, January 27, 1954. Re: Aerial photographs; Request for information on Miller to accompany survey permit application. 1 page.
15. Euler to Miller, January 30, 1954. Re: Request for details on Miller's site survey/recording methodology for possible *Plateau* article; Notifying Miller of his being elected an Associate of MNA. 2 pages.
16. Miller to Euler, February 1, 1954. Re: Reply to letter of 1/27/54. 1 page.
17. Miller to Euler, February 3, 1954. Re: Reply to letter of 1/30/54 with enclosed Summary of Methods document. 5 pages with enclosure.
18. Euler to Miller, February 10, 1954. Re: Reply to letters of 2/1 and 2/3/54. 1 page.
19. Miller to Euler, February 11, 1954. Re: Planning for 1954 survey to Navajo Canyon. 2 pages.
20. Euler to Miller, February 13, 1954. Re: Planning for 1954 survey to Navajo Canyon. 1 page.
21. Miller to Euler, March 1, 1954. Re: Planning for 1954 survey to Navajo Canyon. 1 page.
22. Miller to Euler, March 20, 1954. Re: Planning for 1954 survey to Navajo Canyon. 2 pages.
23. Miller to Euler, March 24, 1954. Re: Planning for 1954 survey to Navajo Canyon; Article manuscript on 1953 survey sent under separate cover (not included). 2 pages.
24. Miller to Euler, April 1, 1954. Re: Planning for 1954 survey to Navajo Canyon. 2

pages.

25. Euler to Miller, April 2, 1954. Re: Planning for 1954 survey to Navajo Canyon; Article manuscript on 1953 survey. 3 pages.
26. Euler to Miller, April 7, 1954. Re: Reply to letter of 4/1/54. 1 page.
27. Miller to Euler, April 10, 1954. Re: Planning for 1954 survey to Navajo Canyon. 4 pages.
28. Euler to Miller, April 15, 1954. Re: Reply to letter of 4/10/54. 3 pages.
29. Miller to Euler, April 24, 1954. Re: Planning for 1954 survey to Navajo Canyon. 2 pages.
30. Miller to Euler, May 7, 1954. Re: Opinion on a proposed newspaper story on the impending survey. 1 page.
31. Euler to Miller, May 10, 1954. Re: Reply to letter of 5/7/54; planning for 1954 survey to Navajo Canyon. 2 pages.
32. Miller to Euler, May 12, 1954. Re: Planning for 1954 survey to Navajo Canyon; equipment list (enclosed). 3 pages w/ enclosure.
33. Euler to Miller, May 14, 1954. Re: Reply to letter of 5/12/54; planning for 1954 survey to Navajo Canyon. 1 page.
34. Euler to Miller, May 18, 1954. Re: Granting of survey permit from the Navajo Tribe. 1 page.
35. Miller to Euler, May 19, 1954. Re: Death of friend of Miller possibly preempting Miller's inclusion in 1954 survey; possible alternatives if so. 1 page.
36. Euler to Miller, May 24, 1954. Re: Reply to letters of 5/19 and 5/21/54 (not included); planning for 1954 survey to Navajo Canyon. 1 page.
37. Miller to Euler, June 17, 1954. Re: 1954 survey follow-up. 2 pages.
38. Euler to Miller, June 24, 1954. Re: Reply to letter of 6/12/54. 2 pages.
39. Miller to Euler, June 29, 1954. Re: Kodachrome slides. 1 page.
40. Miller to Euler, July 8, 1954. Re: Photos, slides; ideas for 1955 survey; article Miller submitted to *National Geographic* on White Mesa trip of 1953. 2 pages.
41. Miller to Euler, July 8, 1954. Re: Accounting of expenses on trip to Navajo Canyon in 1954. 2 pages with enclosure.
42. Euler to Miller, July 14, 1954. Re: Slides; expenses; letters of 6/29 and 7/8/54. 1 page.
43. Miller to Euler, July 27, 1954. Re: Miller article rejected by *National Geographic*; possibility of Euler visiting California. 2 pages.
44. Euler to Miller, August 6, 1954. Re: Reply to letter of 7/27/54. 1 page.
45. Euler to Miller, August 26, 1954. Re: Phone call from Malcolm Moss to Dr. Colton regarding Moss and others planning an survey into Navajo Canyon. 1 page.
46. Miller to Euler, August 31, 1954. Re: Moss party survey. 2 pages.
47. Miller to Euler, September 4, 1954. Re: Photos; interest by *Life Magazine* in survey photos; publications on Navajo Canyon region. 2 pages.
48. Euler to Miller, September 6, 1954. Re: Proposed Moss party survey to Navajo Canyon; list of questions for Dr. Colton to ask Moss included. 3 pages w/ enclosure.
49. Euler to Moss, September 7, 1954. Re: Phone call from Moss to Miller regarding Miller's possible participation with Moss party to Navajo canyon; Euler's recommendation for Miller's participation. Included are hand-written notes of a phone call between Miller and Euler on the subject. 2 pages w/ enclosure.
50. Euler to Miller, September 10, 1954. Re: Reply to letter of 9/4/54. 2 pages.

51. Miller to Euler, September 10, 1954. Re: Moss party survey. 1 page.
52. Euler to Miller, September 11, 1954. Re: Reply to Letter of 9/10/54; Euler proposes to block/prohibit Moss party from proceeding without a permit. 1 page.
53. Miller to Euler, September 12, 1954. Re: Phone call from Carl Wheat of the Moss party to Miller. 1 page.
54. Euler to Miller, September 14, 1954. Re: Complaints with Moss party. 2 pages (hand-written).
55. Euler to Miller, September 15, 1954. Re: Astronomical petroglyphs; Moss party. 2 pages.
56. Miller to Euler, September 28, 1954. Re: Navajo Canyon site surveys; sherd analysis; enclosed a hand-written note from Carl Wheat to Miller dated September 18, 1954. 3 pages w/ enclosure.
57. Euler to Miller, September 30, 1954. Re: Moss party; site surveys; sherd analysis. 2 pages.
58. Euler to Miller, October 5, 1954. Re: Sherd analysis. 1 page.
59. Miller to Euler, October 8, 1954. Re: Reply to letters of 9/30 and 10/ 5/54; returned a copy of a 20 page report by Carl Wheat (included); site analysis; proposals for 1955 survey. 23 pages with enclosure.
60. Euler to Miller, October 11, 1954. Re: Moss party return. 2 pages.
61. Euler to Miller, October 13, 1954. Re: Reply to letter of 10/8/54. 2 pages.
62. Euler to Miller, October 20, 1954. Re: Site surveys; sketch maps and photos. 1 page.
63. Miller to Euler, October 21, 1954. Re: Reply to letters of 10/11 and 10/13/54; Miller's submission of an article on White Mesa to *Natural History*; aerial photography paper; site analysis; Walt Mitchell, member of 1954 survey, giving a slide presentation to the Los Angeles Sierra Club. 3 pages.
64. Miller to Euler, October 25, 1954. Re: photos of Wupatki ruins; Navajo canyon site sketch maps. 1 page.
65. Euler to Miller, October 28, 1954. Re: photos; site analysis; Miller's astronomical petroglyph paper; Navajo Canyon report; White Mesa article submission. 2 pages.
66. Miller to Euler, November 3, 1954. Re: Reply to letter of 10/28/54; miscellaneous site questions. 2 pages.
67. Euler to Miller, November 9, 1954. Re: Reply to letter of 11/3/54; letter to Walt Mitchell from Euler regarding his presentation (enclosed). 3 pages w/ enclosure.
68. Miller to Euler, November 11, 1954. Re: Ruin ground plan symbols; camera equipment; supernova article. 2 pages.
69. Euler to Miller, November 18, 1954. Re: Reply to letter of 11/11/54. 1 page.
70. Euler to Miller, December 7, 1954. Re: Aerial photography manuscript. 1 page.
71. Miller to Euler, December 9, 1954. Re: Aerial photography manuscript. 1 page.
72. Miller to Euler, December 9, 1954. Re: Photos; 1955 survey plans; Walt Mitchell's presentation; *Natural History* article. 2 pages.
73. Euler to Miller, December 12, 1954. Re: Reply to letters of 12/9/54; aerial photography manuscript. 1 page.
74. Euler to Miller, December 17, 1954. Re: Postponement of a trip to Date Creek. 1 page.
75. Miller to Euler, December 20, 1954. Re: Aerial photography paper; trip cancellation. 2 pages.

76. Miller to Euler, January 5, 1955. Re: Aerial photography manuscript; photo illustrations; supernova paper; field methods paper. 2 pages.
77. Euler to Miller, January 17, 1955. Re: Supernova paper; aerial photography paper; photo illustrations; permit for 1955 survey. 2 pages.
78. Miller to Euler, January 17, 1955. Re: Canyon names; photo prints. 1 page.
79. Euler to Miller, January 25, 1955. Re: Reply to letters of 1/17/54. 1 page.
80. Euler to Miller, January 27, 1955. Re: Correspondence with Richard Van Valkenburgh regarding Winfield Jones, the white nephew of a Kaibeto trader, suspected of pot hunting. 4 pages w/ enclosures.
81. Miller to Euler, February 8, 1955. Re: Winfield Jones; aerial photography manuscript; photo prints; supernova paper; White Mesa story in *Natural History*; plans for 1955 survey. 2 pages.
82. Euler to Miller, February 10, 1955. Re: Letter of 2/8/55; Barclay Ray geology report; *Natural History* article. 1 page.
83. Euler to Miller, February 17, 1955. Re: advice on photocopying. 1 page.
84. Miller to Euler, February 21, 1955. Re: Letter of 2/10/55; Barclay Ray; aerial photography manuscript; *Natural History* article. 2 pages.
85. Miller to Euler, February 23, 1955. Re: Letter of 2/17/55; photocopying; aerial photography manuscript. 2 pages.
86. Miller to Euler, February 24, 1955. Re: Photocopies. 1 page.
87. Euler to Miller, February 28, 1955. Re: Letters of 2/23 and 2/24/55. 1 page.
88. Miller to Euler, March 7, 1955. Re: Aerial photography manuscript (enclosed); copies for Euler; survey supplies. 3 pages plus enclosure.
89. Miller to Euler, March 11, 1955. Re: Copies for Euler; planning for 1955 survey to Navajo Canyon. 1 page.
90. Euler to Miller, March 14, 1955. Re: Letters of 3/7 and 3/11/55; planning for 1955 survey to Navajo Canyon. 2 pages.
91. Miller to Euler, March 14, 1955. Re: *Natural History* article; copy costs. 1 page.
92. Euler to Miller, March 15, 1955. Re: *Natural History* article; photo reproductions; food supplies for 1955 survey. 1 page.
93. Miller to Euler, March 17, 1955. Re: Letters of 3/14 and 3/15/55; aerial photography manuscript; photo reproductions; planning for 1955 survey to Navajo Canyon. 3 pages.
94. Euler to Miller, March 18, 1955. Re: Aerial photography manuscript; planning for 1955 survey to Navajo Canyon; *Natural History* article. 1 page.
95. Miller to Euler, March 21, 1955. Re: Planning for 1955 survey to Navajo Canyon. 1 page.
96. Euler to Miller, April 1, 1955. Re: letter of 3/21/55. 1 page.
97. Miller to Euler, April 1, 1955. Re: Ruin ground plan symbols; planning for 1955 survey to Navajo Canyon. 3 pages.
98. Euler to Miller, April 4, 1955. Re: Letter of 4/1/55. 1 page.
99. Euler to Miller, April 11, 1955. Re: Letter from Moss; 1955 permit; planning for 1955 survey to Navajo Canyon. 2 pages.
100. Miller to Euler, April 12, 1955. Re: planning for 1955 survey to Navajo Canyon. 2 pages.
101. Miller to Euler, April 13, 1955. Re: Letter from Moss; planning for 1955 survey to Navajo Canyon. 1 page.

102. Euler to Miller, April 14, 1955. Re: planning for 1955 survey to Navajo Canyon. 1 page.
103. Euler to Miller, April 18, 1955. Re: Letter of 4/13/55; planning for 1955 survey to Navajo Canyon. 1 page.
104. Miller to Euler, April 20, 1955. Re: Planning for 1955 survey to Navajo Canyon. 2 pages.
105. Miller to Euler, April 20, 1955. Re: Planning for 1955 survey to Navajo Canyon. 1 page.
106. Euler to Miller, April 27, 1955. Re: Report by Moss and Wheat of their 1954 trip into Navajo Canyon with accompanying correspondence between Moss and Euler; planning for 1955 survey to Navajo Canyon. 1 page plus enclosure.
107. Euler to Miller, May 3, 1955. Re: Planning for 1955 survey to Navajo Canyon. 1 page.
108. Miller to Euler, May 8, 1955. Re: Planning for 1955 survey to Navajo Canyon. 2 pages.
109. Euler to Miller, May 9, 1955. Re: Planning for 1955 survey to Navajo Canyon. 1 page.
110. Euler to Miller, May 10, 1955. Re: Letter of 5/8/55; planning for 1955 survey to Navajo Canyon. 1 page.
111. Miller to Euler, May 10, 1955. Re: Planning for 1955 survey to Navajo Canyon. 1 page.
112. Euler to Miller, May 13, 1955. Re: Letter of 5/10/55; planning for 1955 survey to Navajo Canyon. 1 page.
113. Miller to Euler, May 14, 1955. Re: Letters of 5/10 and 5/13/55; planning for 1955 survey to Navajo Canyon. 3 pages.
114. Euler to Miller, May 17, 1955. Re: Letters of 5/10 and 5/14/55; ; planning for 1955 survey to Navajo Canyon. 1 page.
115. Miller to Euler, June 21, 1955. Re: Photos/slides of 1955 survey. 1 page.
116. Miller to Euler, June 30, 1955. Re: 1955 survey expenses; photos. 2 pages.
117. Euler to Miller, July 7, 1955. Re: Letter of 6/30/55. 1 page.
118. Miller to Euler, July 12, 1955. Re: Site ground plans; *Time* article on supernova petroglyphs; correspondence received regarding article. 1 page.
119. Euler to Miller, July 14, 1955. Re: Letter of 7/12/55.
120. Miller to Euler, July 27, 1955. Re: Photo prints; Ray geology paper; Correspondence from Lincoln LaPaz of the University of New Mexico regarding the *Time* supernova article.
121. Euler to Miller, August 5, 1955. Re: Letter of 7/27/55; Ray geology paper; LaPaz correspondence. 1 page.
122. Miller to Euler, September 19, 1955. Re: Photo enlargements; aerial photography manuscript; Ray geology paper. 2 pages.
123. Euler to Miller, September 21, 1955. Re: Letter of 9/19/55. 3 pages.
124. Ned Danson to Euler, March 30, 1964. Re: Site surveys and photos in Euler's possession. 1 page.
125. Euler to Danson, April 21, 1964. Re: Letter of 3/30/64.
126. Euler to Lex Lindsay, May 14, 1967. Re: Site Information; Danson letter of 4/21/64. 1 page.
127. Lindsay to Euler, June 1, 1967. Re: Letter of 5/14/67. **\*\*COPY\*\***

Original in *Folder 4.2 – 24.*

*Folder 4.1: Dave Breternitz:*

1. Miller to Breternitz, March 11, 1957. Re: Planning for 1957 survey. 2 pages.
2. Breternitz to Miller, March 15, 1957. Re: Letter of 3/11/57; planning for 1957 survey. 2 pages.
3. Miller to Breternitz, March 19, 1957. Re: Letter of 3/15/57; planning for 1957 survey. 3 pages.
4. Breternitz to Miller, March 20, 1957. Re: Letter of 3/19/57; planning for 1957 survey. 2 pages.
5. Miller to Ralph Jones, March 20, 1957. Re: Services and supplies to be obtained from Navajo guide Bob Dejolie for 1957 survey. Copy of letter was sent to Breternitz. 2 pages.
6. Miller to Breternitz, March 29, 1957. Re: Planning for 1957 survey. 2 pages.
7. Miller to Breternitz, April 4, 1957. Re: Planning for 1957 survey. 1 page.
8. Breternitz to Miller, April 6, 1957. Re: Planning for 1957 survey. 2 pages.
9. Miller to Breternitz, April 8, 1957. Re: Letter of 4/6/57; planning for 1957 survey. 2 pages.
10. Breternitz to Miller, April 9, 1957. Re: Letter of 4/4/57; planning for 1957 survey. 1 page.
11. Breternitz to Miller, April 14, 1957. Re: Planning for 1957 survey. 1 page.
12. Miller to Breternitz, April 14, 1957. Re: Letter of 4/9/57; planning for 1957 survey. 2 pages.
13. Miller to Breternitz, April 16, 1957. Re: Letter of 4/14/57; planning for 1957 survey. 2 pages.
14. Breternitz to Miller, April 18, 1957. Re: Letter of 4/16/57; planning for 1957 survey. 1 page.
15. Breternitz to Miller, April 22, 1957. Re: Planning for 1957 survey. 1 page.
16. Miller to Breternitz, April 23, 1957. Re: Planning for 1957 survey. 1 page.
17. Breternitz to Miller, May 21, 1957. Re: Survey follow-up. 1 page.
18. Breternitz to Miller, May 28, 1957. Re: Survey follow-up. 1 page.
19. Miller to Breternitz, May 28, 1957. Re: Survey follow-up; photos and slides. 1 page.
20. Breternitz to Miller, June 5, 1957. Re: Letter of 5/28/57; survey follow-up, photos and slides; Breternitz presentation on survey. 1 page.
21. Miller to Breternitz, June 5, 1957. Re: Draft of 1957 survey report, survey follow-up. 1 page.
22. Miller to Breternitz, June 20, 1957. Re: Survey follow-up; photo and slide prints; conflict with Bob Dejolie over payment. 2 pages.
23. Breternitz to Miller, July 9, 1957. Re: Survey follow-up; conflict with Dejolie; Ceramics classifications. 2 pages.
24. Miller to Breternitz, July 17, 1957. Re: Sherd counts from survey; preliminary survey report. 1 page.
25. Miller to Breternitz, July 29, 1957. Re: Preliminary survey report; survey follow-up. 1 page.
26. Miller to Breternitz, July 31, 1957. Re: Preliminary survey report; sherd analysis. 1 page.

27. Breternitz to Miller, August 5, 1957. Re: Photos and slides. 1 page.
28. Miller to Breternitz, August 14, 1957. Re: Letter of 8/5/57; conflict with DeJolie; preliminary survey report. 1 page.
29. Miller to Breternitz, September 9, 1957. Re: Miller's article on aerial photography published in *American Antiquity* (not included). 1 page.
30. Breternitz to Miller, September 11, 1957. Re: Letter of 9/9/57. 1 page.
31. Miller to Breternitz, September 22, 1957. Re: Letter of 9/11/57. 2 pages.
32. Miller to Breternitz, October 2, 1957. Re: Aerial photos; Breternitz's participation in 1958 survey. 2 pages.
33. Miller to Breternitz, October 9, 1957. Re: Slides. 1 page.
34. Breternitz to Miller, October 14, 1957. Re: Letter of 10/10/57 (not included) regarding Miller's taking of Aerial photos; Breternitz trip to Rainbow Bridge. 1 page.
35. Miller to Breternitz, October 14, 1957. Re: Letter of 10/11/57; planning for 1958 survey; Ceramics that were given to Miller by a suspected pothunter. 2 pages.
36. Miller to Breternitz, October 15, 1957. Re: Miller going to Flagstaff. 1 page.
37. Miller to Breternitz, November 10, 1957. Re: 1957 survey follow-up. 1 page.
38. Miller to Breternitz, November 29, 1957. Re: Copy of Bernheimer notes. 1 page.
39. Breternitz to Miller, December 18, 1957. Re: Joint authorship of an article for *Plateau*; planning for 1958 survey; Breternitz trip to Rainbow Bridge. 3 pages.
40. Miller to Breternitz, December 22, 1957. Re: Joint authorship of an article for *Plateau*; planning for 1958 survey. 4 pages.
41. Breternitz to Miller, January 22, 1958. Re: Comments on 1921 Bernheimer notes. 2 pages.
42. Miller to Breternitz, January 26, 1958. Re: Letter of 1/22/58; planning for 1958 survey; draft of the "Introduction" to their final report. 2 pages.
43. Miller to Breternitz, February 3, 1958. Re: Transcribed Bernheimer notes from 1921 and 1922 (Contained in Folder # 2.13 / Item # 1); planning for 1958 survey. 1 page.
44. Breternitz to Miller, February 7, 1958. Re: January 20, 1958 letter from Frank Masland to Dr. Colton regarding Miller/Breternitz article in *Plateau* (January, 1958 -- 30:3) -- Masland claims to have "discovered" a natural bridge/arch during a survey done in Navajo Canyon in 1954. Copy of letter is included along with a 2 page reply from Breternitz to Masland dated February 7, 1958. 4 pages w/ enclosures.
45. Miller to Breternitz, February 10, 1958. Re: Planning for 1958 survey; Masland letter. 3 pages.
46. Miller to Breternitz, February 17, 1958. Re: Masland account; "Introduction" draft;
47. Miller letter to Masland dated February 17, 1958 (included). 3 pages w/ enclosure.
48. Miller to Breternitz, February 21, 1958. Re: Slides. 1 page.
49. Breternitz to Miller, February 25, 1958. Re: Letter of 2/21/58; planning for 1958 survey. 2 pages.
50. Miller to Breternitz, February 26, 1958. Re: Planning for 1958 survey. 2 pages.
51. Breternitz to Miller, March 6, 1958. Re: Planning for 1958 survey. 2 pages.
52. Miller to Breternitz, March 12, 1958. Re: Planning for 1958 survey. 3 pages.
53. Miller to Breternitz, March 20, 1958. Re: Planning for 1958 survey. 1 page.
54. Breternitz to Miller, March 25, 1958. Re: Planning for 1958 survey. 1 page.
55. Miller to Breternitz, March 27, 1958. Re: Planning for 1958 survey. 2 pages.

56. Breternitz to Miller, April 1, 1958. Re: Planning for 1958 survey; correspondence with Wilma Kaemlein of the Arizona State Museum regarding artifacts and locations of sites surveyed in 1915 and 1916 by Cummings and U of A (letters included). 3 pages w/ enclosures.
57. Miller to Breternitz, April 4, 1958. Re: Letter of 4/1/58; planning for 1958 survey.
58. Breternitz to Miller, April 9, 1958. Re: Planning for 1958 survey. 2 pages.
59. Miller to Breternitz, April 11, 1958. Re: Planning for 1958 survey. 3 pages.
60. Breternitz to Miller, April 18, 1958. Re: Planning for 1958 survey. 2 pages.
61. Miller to Breternitz, April 18, 1958. Re: Planning for 1958 survey. 2 pages.
62. Miller to Breternitz, April 21, 1958. Re: Letter of 4/18/58; planning for 1958 survey. 2 pages.
63. Miller to Breternitz, May 18, 1958. Re: Survey Follow-up; problems with Tom Jones of the survey party. 1 page.
64. Miller to Breternitz, May 25, 1958. Re: Preliminary draft of the 1958 survey report; survey photos; survey follow-up. 2 pages.
65. Breternitz to Miller, May 29, 1958. Re: Letter of 5/25/58. 2 pages.
66. Miller to Breternitz, June 1, 1958 (page 1 is misdated "May 1"). Re: Survey report manuscript; survey follow-up. 2 pages.
67. Breternitz to Miller, June 5, 1958. Re: Survey report manuscript; survey expenses/follow-up. 1 page.
68. Miller to Breternitz, June 11, 1958. Re: Survey photos; survey report manuscript. 1 page.
69. Breternitz to Miller, June 14, 1958. Re: Photos; survey report manuscript; Navajo tribe request for the MNA to excavate exposed burials. 1 page.
70. Miller to Breternitz, July 15, 1958. Re: Report published in *Plateau*; Navajo tribe request. 2 pages.
71. Breternitz to Miller, July 22, 1958. Re: Future survey of Mystery Canyon led by Jo Brew from Harvard; problems with Jones. 2 pages.
72. Miller to Breternitz, July 30, 1958. Re: Jo Brew survey; problems with Jones; survey follow-up. 2 pages.
73. Breternitz to Miller, September 3, 1958. Re: Survey follow-up; failure of Jo Brew survey. 1 page.
74. Miller to Breternitz, October 8, 1958. Re: Survey follow-up. 2 pages.
75. Breternitz to Miller, October 30, 1958. Re: Survey follow-up. 2 pages.
76. Miller to Breternitz, November 3, 1958. Re: Letter of 10/30/58; "Introduction" manuscript. 2 pages.
77. Miller to Breternitz, December 14, 1958. Re: Breternitz family visit; "Introduction" manuscript. 3 pages.
78. Breternitz to Miller, December 18, 1958. Re: Letter of 12/14/58; Miller visit. 1 page.
79. Breternitz to Miller, February 5, 1959. Re: Death of Horace Haskell (member of 1958 survey); Breternitz leaving MNA. 1 page.
80. Miller to Breternitz, February 6, 1959. Re: Letter of 2/5/59; survey report. 1 page.
81. Miller to Breternitz, February 8, 1959. Re: Canyon names; survey follow-up. 1 page.
82. Breternitz to Miller, February 19, 1959. Re: Canyon names; Barclay Kamb geology report; letter dated February 11, 1959 from the U.S.G.S. to Breternitz regarding



canyon names (enclosed). Original and a copy of the letter are included. 5 pages w/ copy and enclosure.

83. Miller to Breternitz, February 19, 1959. Re: Survey follow-up. 1 page.
84. Breternitz to Miller, February 20, 1959. Re: Arizona State Museum Nitsie Canyon and Gourd Cave collections. Postcard.
85. Miller to Breternitz, February 24, 1959. Re: Letter of 2/19/59 and postcard of 2/20/59; survey follow-up; canyon names. 2 pages.
86. Breternitz to Miller, March 5, 1959. Re: Survey follow-up. 2 pages.
87. Miller to Breternitz, March 8, 1959. Re: Letter of 3/5/59; survey follow-up. 2 pages.
88. Breternitz to Miller, March 10, 1959. Re: Survey follow-up. 1 page.
89. Miller to Breternitz, March 15, 1959. Re: Survey follow-up; Site location plotting. 2 pages.
90. Breternitz to Miller, March 19, 1959. Re: Letters of 3/8 and 3/15/59; survey follow-up. 2 pages.
91. Breternitz to Miller, March 19, 1959. Re: Site plotting; survey follow-up. 1 page.
92. Miller to Breternitz, March 26, 1959. Re: Survey follow-up; White Mesa data sheets. 1 page.
93. Miller to Breternitz, March 31, 1959. Re: Survey follow-up. 1 page.
94. Breternitz to Miller, April 14, 1959. Re: Breternitz leaving MNA; survey follow-up. 1 page.
95. Miller to Breternitz, April 22, 1959. Re: Letter of 4/14/59; Breternitz leaving MNA; survey follow-up; "Introduction" manuscript. 2 pages.
96. Breternitz to Miller, April 24, 1959. Re: Letter of 4/22/59. 1 page.
97. Breternitz to Miller, January 25, 1960. Re: Comments on an unspecified report; comments on "letter from Mason, dated 10/16/59" (letter not included); Barclay Kamb report. 3 pages.
98. Breternitz to Miller, February 8, 1960. Re: Discussions with Christy Turner about petroglyph periodization; Barclay Kamb report. 1 page.
99. Breternitz to Miller, March 9, 1960. Re: Spade Cooley geology report for Glen Canyon - San Juan region; Bill Adam's bulletin titled "Ninety Years of Glen Canyon Archaeology"; planned 1960 survey; meteor sighted January 31, 1960. 2 pages.
100. Breternitz to Miller, November 2, 1960. Re: Comments on Barclay Kamb Geology report. 1 page.
101. Breternitz to Miller, June 17, 1961. Re: Reference to Navajo Canyon in *Natural History* magazine. Postcard.
102. Breternitz to Miller, October 29, 1961. Re: Navajo Canyon report manuscript;
103. Breternitz's impending Ph.D. comprehensive exams. 1 page.
104. Breternitz to Miller, December 21, 1961. Re: Breternitz passing comps; comments on Navajo Canyon manuscript. 2 pages.
105. Breternitz to Miller, March 19, 1962. Re: Place names. 1 page.
106. Breternitz to Miller, July 23, 1962. Re: Breternitz job at the University of Colorado; dissertation progress. 1 page.
107. Breternitz to "Jon," March 12, 1977. Re: 1960 Navajo Canyon report manuscript. 1 page.

1. Lindsay to Sam Day, April 15, 1963. Re: Pothunting; proposed survey in May, 1963 on Nakai and Hoskinnini Mesas; attached letter to be sent along to appropriate Navajo tribal authorities for the application of a survey permit. 2 pages w/ enclosure.
2. Miller to Lindsay, September 16, 1963. Re: Photos and site plotting for 1963 survey. 1 page.
3. Edward Danson to Lindsay, March 30, 1964. Re: Notification of Lindsay's being granted permission to use MNA survey permits. 1 page.
4. Bill (Adams ?) to Lindsay, undated. Re: Tsegi-ot-sosi tree ring dates. 2 pages w/ enclosure.
5. Lindsay to (Adams ?), April 10, 1964. Re: Tsegi-ot-sosi tree ring dates. 1 page.
6. Miller to Lindsay, January 10, 1965. Re: "Stone Catalogue Card" proof. 2 pages.
7. Miller to Lindsay, November 29, 1965. Re: Sample site cards. 1 page.
8. Lindsay to Miller, December 2, 1965. Re: Stone catalogue card proof; Sample site cards. 3 pages.
9. Lindsay to Miller, January 12, 1966. Re: "History of archaeological exploration on the Rainbow Plateau" manuscript. Edited original manuscript and a copy of the manuscript and accompanying letter are included. 20 pages w/ enclosure and copies.
10. Lindsay to Miller, January 12, 1966. Re: Stone catalogue card proof. 1 page - front and back.
11. Lindsay to Miller, January 17, 1966. Re: "Survey and Excavations North and East of Navajo Mountain, Utah, 1959-1962" manuscript. Copy of letter and manuscript included. 26 pages w/ copy and enclosure.
12. Lindsay to Miller, January 26, 1966. Re: Letter of 1/22/66 (not included); Miller comments on "History" manuscript sent 1/12/66. Copy of letter is included. 2 pages w/ copy.
13. Lindsay to Miller, December 9, 1966. Re: Request to cite Barclay Kamb's alluvial geology report in his dissertation. Postcard.
14. Miller to Lindsay, December 19, 1966. Re: Postcard of 12/9/66; enclosed copy of Kamb report w/ associated comments. Approx. 50 pages w/ enclosures.
15. Miller to Lindsay, March 8, 1967. Re: Obtaining plastic black-on-white letters and numbers for site number cards from the Abrams Company; planning for a May, 1967 survey. 2 pages.
16. Lindsay to Miller, Marcy 13, 1967. Re: Letter of 3/8/67. 1 page front and back.
17. Lindsay to Miller, undated. Re: Abrams invoice. 1 page.
18. Miller to Lindsay, April 12, 1967. Re: Abrams order; conflict w/ scheduling May survey. 2 pages.
19. Lindsay to Miller, April 18, 1967. Re: Abrams order; survey scheduling conflicts. 2 pages.
20. Miller to Lindsay, April 18, 1967. Re: Abrams order; enclosed invoice for letters and numbers. 2 pages w/ enclosure.
21. Miller to Lindsay, undated. Re: Abrams order. 1 page.
22. Miller to Lindsay, May 12, 1967. Re: Letter from Bob Euler (not enclosed); photo prints. 1 page.
23. Euler to Lindsay, May 14, 1967. Re: Survey materials; letter from Ned Danson (not included). \*\*COPY\*\* Original in *Folder 4 - #126*. 1 page.
24. Lindsay to Euler, June 1, 1967. Re: Letter of 5/14/67. 1 page.

25. Lindsay to Miller, June 1, 1967. Re: Letter of 5/12/67; Euler correspondence; Miller trip to Pinnecate country. 2 pages.
26. Miller to Lindsay, July 2, 1967. Re: Trip to Europe. 1 page.
27. Lindsay to Miller, August 10, 1967. Re: Miller's trip to Europe; Lindsay trip to Kayenta region and Black Mesa. 1 page.
28. Miller to Lindsay, May 25, 1968. 1 page.
29. Miller to Lindsay, September, 17, 1968. Re: Trip with Helmut Abt to Utah. 1 page.

Folder 4.3: "Folks":

1. Miller to Folks, June 20, 1952. Re: Account of 1952 survey trip. 3 pages.
2. Miller to Folks, June 25, 1952. Re: Draft of survey account (not included). 1 pages.
3. Miller to Folks, October 4, 1956. Re: Account of a trip to White Mesa in September, 1956 with Al Wilson. 9 pages.
4. Miller to his Mother, July 5, 1971. Re: Account of a trip with John Caplicki to Mesa Verde. 3 pages.
5. Miller to his Mother, July 11, 1971. Re: Account of a trip with John Caplicki to Mesa Verde. 3 pages.

Folder 4.4: Supernova:

Donald Scott:

1. Miller to Dr. Donald Scott, December 8, 1953. Re: Discovery of crescent shaped petroglyph; possible connection w/ Supernova of 1054; Scott's knowledge of any other possible representations of astronomical events. 1 page, front and back.
2. Scott to Miller, February 6, 1954. Re: Letter of 12/8/53. 1 page.
3. Scott to Miller, July 11, 1955. Re: Letter of 12/8/53. 1page.
4. Miller to Scott, July 25, 1955. Re: Letter of 7/11/55. 1page.
5. Scott to Miller, August 3, 1955. Re: Other petroglyphs of possible astronomical events; dating pictographs. 2 pages.
6. Scott to Miller, May 26, 1966. Re: Miller publications on supernova petroglyph. 1 page.
7. Miller to Scott, June 22, 1966. Re: Letter of 5/26/66. 1 page.
8. Scott to Miller, December 7, 1966. Re: Letter of 6/22/66. 1 page.

Bob Euler:

9. Euler to Miller, September 15, 1954. Re: Location of supernova petroglyph. 2 pages. **\*\*COPY\*\*** Original in *Folder 4 – #55*.
10. Miller to Euler, July 12, 1955. Re: *Time* supernova petroglyph article. 1 page. **\*\*COPY\*\*** Original in *Folder 4 – #118*.
11. Euler to Miller, July 14, 1955. Re: *Time* supernova petroglyph article. 1 page. **\*\*COPY\*\*** Original in *Folder 4 – #119*.
12. Miller to Euler, July 27, 1955. Re: Correspondence from Lincoln LaPaz of the University of New Mexico regarding the *Time* supernova article. 1 page. **\*\*COPY\*\*** Original in *Folder 4 – #120*.

13. Euler to Miller, August 5, 1955. Re: Correspondence from Lincoln LaPaz of the University of New Mexico regarding the *Time* supernova article. 1 page. \*\*COPY\*\* Original in *Folder 4 – #121*.

Miscellaneous

14. L. S. Copeland to Miller, July 9, 1955. Re: Contesting *Time* supernova petroglyph article; suggests that a crescent moon is not visible before dawn. Postcard.
15. L. S. Copeland to Miller, July 9, 1955. Re: Contesting *Time* supernova petroglyph article. 1 page front and back.
16. Willis H. Kinnear (Editor of *Science of Mind*) to Miller, July 13, 1955. Re: *Time* supernova petroglyph article; accompanying letter is a copy of Miller's Leaflet No. 314 published by the Astronomical Society of the Pacific titled "Two Prehistoric Drawings of Possible Astronomical Significance" marked "return to Wm E. Miller" at the bottom. 1 page.
17. Lincoln LaPaz to Miller, July 13, 1955. Re: A. S. P. Leaflet; other possible examples of astronomical petroglyphs. Enclosed are three images of the examples discussed. 4 pages w/ enclosures.
18. LaPaz to *Time* Editor, July 11, 1955. Re: Errors in Miller's supernova article. 1 page.
19. Miller to LaPaz, July 20, 1955. Re: Letter of 7/13/55; 7/11/55 Letter to the Editor. 2 pages.
20. LaPaz to Miller, July 23, 1955. Re: Letter of 7/20/55. 2 pages.
21. Albert G. Wilson to Miller, July 12, 1955. Letter to *Time* by Pat Cline of the *Arizona Daily Sun* who suggests that the petroglyphs represent a Hopi Katsina. Cline Letter is dated July 9, 1955 and is included. 2 pages w/enclosure.
22. Miller to Wilson, July 14, 1955. Re: Cline Letter. 1 page.
23. C. P. Graeser to Miller, July 20, 1955. Re: Contesting *Time* supernova petroglyph article; suggests possible zodiac interpretation of the petroglyphs. 1 page front and back.
24. C. P. Graeser to Helmut Abt, Undated. Re: Contesting *Time* supernova petroglyph article; suggests possible zodiac interpretation of the petroglyphs. 1 page front and back.
25. Harlow Shapely (Harvard College Observatory) to Miller, July 18, 1955. Re: Contesting *Time* supernova petroglyph article; suggests possible eclipse interpretation of the petroglyphs. Postcard.
26. Miller to Shapely, July 22, 1955. Re: Postcard of 7/18/55.
27. Rene Cherry to Miller, July 20, 1955. Re: Petroglyphs near Tumacacori. 2 pages front and back.
28. Miller to Cherry, July 22, 1955. Re: Letter of 7/20/55. 1 page.
29. D. V. Zaitschek (Jerusalem University) to Miller, July 21, 1955. Re: A. S. P. Leaflet; suggests possible eclipse interpretation of the petroglyphs.
30. John A. Frost (U. S. G. S.) to Miller, August 2, 1955. Re: Crescent petroglyph along San Juan River. 1 page.
31. Miller to Frost, September 8, 1955. Re: Letter of 8/2/55. 1page.
32. Frost to Miller, September 27, 1955. Re: Letter of 9/8/55; petroglyph story in *Artesia (NM) Daily Press*. Clipping is enclosed. 3 pages w/ enclosure.
33. R. Zimmer to Miller, August 1, 1955. Re: A. S. P. Leaflet. Letter appears to be written in German. 1 page.

34. Lewis A. Maverick to Miller, September 28, 1957. Re: *Time* supernova article; possible connection between supernova and Turkish flag. 1 page.
35. Miller to Maverick, October 1, 1957. Re: Letter of 9/28/55. 1 page.
36. Elsie Hix (Author of syndicated column "Strange as it Seems") to Miller, March 5, 1959. Supernova petroglyphs as subject for his column. 1 page.
37. Miller to Hix, March 9, 1959. Re: Letter of 3/5/59. 1 page.
38. Christy Turner to Miller, January 26, 1960. Re: Return of eight page Miller manuscript titled "Can Pictographs and Petroglyphs be Dated?"; draft enclosed w/ two accompanying images, shows editing and comments by Turner. 12 pages w/ enclosure.
39. Dale Ritter, M. D. to Miller, February 27, 1960. Re: Photographs of other possible astronomical petroglyphs. 1 page.
40. Miller to John Lear (Science Editor of *Saturday Review*), September 7, 1962. Re: Telephone request for prints of supernova petroglyphs. 1 page.
41. Lear to Miller, November 1, 1962. Re: Letter of 9/12/62 (not included). 1 page.
42. Miller to Lear, November 8, 1962. Re: Letter of 11/1/62.
43. Emma Jo Zimmerman to Miller, February 16, 1963. Re: January, 1963 Miller article in *Desert Magazine*; possible astronomical petroglyph outside Apache Junction, AZ. 1 page.
44. Miller to Zimmerman, February 25, 1963. Letter of 2/16/63. 1 page.
45. Zimmerman to Miller, April 9, 1963. Re: Directions to petroglyphs described in letter of 2/16/63. 2 pages.
46. Luther Card to Miller, August 26, 1963. Re: Possible astronomical petroglyphs in Southern California. 4 pages.
47. Card to Miller, September 10, 1963. Re: Possible astronomical petroglyphs in Southern California. 2 pages front and back.
48. Card to Miller, Undated. Re: Letter from Miller (not included); possible astronomical petroglyphs in Southern California. 2 pages front and back.
49. Frank Drake (Cornell University) to Miller, July 2, 1970. Re: Verification of data regarding supernova petroglyphs; 2 pages of astronomical plotting and notes included. 3 pages w/ enclosures.
50. Miller to Drake, July 15, 1970. Re: Letter of 7/2/70. 2 pages.
51. Drake to Miller, July 17, 1970. Re: Letter of 7/15/70. 1 page.
52. Ned Danson to Miller, July 6, 1970. Re: Letter of 7/1/70 (not included); date of next survey. 1 page.
53. Richard B. Hardin (National Park Service) to Miller, August 8, 1972. Re: April, 1955 *Plateau* article; photo of a possible astronomical petroglyph in Chaco Canyon, NM. 2 pages.
54. H. W. Babcock (Hale Observatories) to Hardin, August 11, 1972. Re: Letter of 8/8/72; forward of letter to Miller. 1 page.
55. Miller to Hardin, August 30, 1972. Re: Letter of 8/8/72. 2 pages.
56. James M. Staples to Miller, August 25, 1972. Re: possible astronomical petroglyph in Delaware. 1 page.
57. Miller to Staples, September 20, 1972. Re: Letter of 8/25/72. 1 page.
58. Gregory Benford (UC-Irvine) to Miller, November 12, 1973. Re: Letter of 10/30/73 (not included); prints of supernova petroglyphs. 1 page.
59. Miller to Benford, November 16, 1973. Re: Letter of 11/12/73; reprint of supernova petroglyph photos. 1 page.

60. Jack Eddy (National Center for Atmospheric Research) to Miller, February 3, 1975. Re: Supernova petroglyph image reproductions. Enclosed is a reprint of an article by Eddy published in the June 7, 1974 issue of *Science* titled "Astronomical Alignment of the Big Horn Medicine Wheel." 7 pages w/ enclosure.
61. G. L. Vershuur (University of Colorado) to Miller, June 1, 1975. Re: Astronomical petroglyph slides. 1 page.
62. Miller to Vershuur, June 9, 1975. Re: Letter of 6/1/75. 1 page.
63. Vershuur to Miller, June 16, 1975. Re: Letter of 6/9/75. 1 page.
64. Miller to Vershuur, June 27, 1975. Re: Letter of 6/16/75. 1 page.
65. Donald Goldsmith to Miller, July 8, 1975. Re: Use of supernova petroglyph images in astronomy textbook. 1 page.
66. Miller to Goldsmith, July 12, 1975. Re: Letter of 7/8/75. 1 page.
67. Goldsmith to Miller, July 16, 1975. Re: Letter of 7/12/75. 1 page.
68. Miller to Goldsmith, August 5, 1975. Re: Letter of 7/16/75. 1 page.
69. John C. Brandt (National Aeronautics and Space Administration) to Miller, July 28, 1975. Re: Meeting with Miller at upcoming AAS meetings. 1 page.
70. Miller to Brandt, August 5, 1975. Re: Letter of 7/28/75. 2 pages.
71. Miller to Brandt, August 6, 1976. Re: Letter of 7/15/76 (Not included); request for photo of third Navajo Canyon supernova petroglyph. 1 page.
72. Beverly Lunds (Kitt Peak National Observatory) to Miller, July 31, 1975. Re: Request for color prints of supernova petroglyph photos. 1 page.
73. Miller to Lunds, August 5, 1975. Re: Letter of 7/31/75. 1 page.
74. Linda Rill to Miller, June 24, 1975. Re: Order for supernova petroglyph photos; permission to reproduce them. 1 page.
75. Miller to Rill, June 27, 1975. Re: Letter of 6/24/75. 1 page.
76. Miller to Rill, August 5, 1975. Re: Supernova petroglyph print. 1 page.
77. Miller to Rill, September 15, 1975. Re: Reproduction fees for supernova petroglyph photos; includes 2 hand-written notes of Rill's address and order. 7 pages total.
78. Dick Ambler (University of Texas - Austin) to Miller, Undated. Re: Possible astronomical petroglyph. Image enclosed. 2 pages w/ enclosure.
79. Carol I. Eyster (El Camino Junior College) to Miller, Undated. Re: Request for copies of supernova petroglyph prints to use in an astronomy lecture. 1 page.
80. Miller to Eyster, August 6, 1975. Re: Photo request. 1 page.
81. Bruce Fitzpatrick (El Camino Junior College) to Miller, August 20, 1975. Re: Letter of 8/6/75 to Eyster. 1 page.
82. Miller to Fitzpatrick, September 10, 1975. Re: Letter of 8/20/75. 1 page.
83. Hubert Reeves (Commissariat A L'Energie Atomique) to Miller, September 30, 1975. Re: Request for supernova petroglyph photo prints. 1 page.
84. Miller to Reeves, October 10, 1975. Re: Letter of 9/30/75. 1 page.
85. Reeves to Miller, October 24, 1975. Re: Letter of 10/10/75. 1 page.
86. Miller to Reeves, November 12, 1975. Re: Letter of 10/24/75. 1 page.
87. Lyn Wilbur (National Geographic Society) to Miller, December 31, 1975. Re: Copy of supernova petroglyph transparency used in an NGS publication titled *The Amazing Universe*; copy returned with letter. 2 pages w/ enclosure.

89. Willis Kinnear (*Science of Mind*) to Miller, undated. Re: Photo of possible astronomical petroglyphs from the Valley of Fire in Nevada. Copy of photo attached. 2 pages w/ enclosure.

Folder 4.5: 1973 Archaeoastronomy Conference:

1. Stephen P. Maran (National Aeronautics and Space Administration) to Anthony F. Aveni (Colgate University), September 26, 1972. Re: Organizing a section on Archaeoastronomy at the 1973 American Association for the Advancement of Science (AAAS) conference in Mexico City; possible participants. 2 pages.
2. Aveni to Miller, October 2, 1972. Re: Miller's interest in participating in the AAAS conference. Included is a second copy with margin notes. 2 pages w/ copy.
3. Miller to Aveni, October 11, 1972. Re: Letter of 10/2/72. 1 page.
4. Aveni to "Colleague" (Miller), October 30, 1972. Re: Form letter announcing the dates and times of the Archaeoastronomy conference and call for papers. 1 page.
5. Aveni to "Colleague" (Miller) December 20, 1972. Re: Form letter announcing schedule changes for the Archaeoastronomy meetings. Included is a copy of the initial schedule of presentations. 4 pages w/ enclosure.
6. Aveni to "Colleague" (Miller) February 13, 1973. Re: Form letter accompanying a revised program for the Archaeoastronomy meetings. 4 pages w/ enclosure.
7. Aveni to "Colleague" (Miller) March 20, 1973. Re: Form letter accompanying a revised program for the Archaeoastronomy meetings and paper abstracts for those being presented. 11 pages w/ enclosures.
8. Document titled "Submitted Abstracts of Papers to be Presented at the Seminar on Native American Astronomy." Final abstract is highlighted and discusses Miller's hypothesis surrounding the pictographs and supernova of 1054. 7 pages.
8. Aveni to Miller, July 25, 1973. Re: Permission to use supernova petroglyph images in a summary article on the Archaeoastronomy meetings for *Archaeology*. 1 page.
9. Miller to Aveni, July 30, 1973. Re: Letter of 7/25/73; request for article manuscript. 1 page.
10. Aveni to Miller, August 3, 1975. Re: Letter of 7/30/73. Enclosed is a draft of the article for *Archaeology*. 11 pages w/ enclosure.
11. Photocopy of a lecture series program on Archaeoastronomy. Location and year unknown. 1 page.

Folder 4.6: "1661 Chas Arnod or 1861 Anno D?":

1. Miller to Danson, September 25, 1967. Re: Letter of 9/13/67 (not included); interpretation of an inscription at Inscription House Ruins; Includes a brief summary report of Miller's findings. 6 pages w/ enclosure.
2. Miller to Gary Matlock (Park Archaeologist for Navajo National Monument), September 25, 1967. Re: Interpretation of an inscription at Inscription House Ruins; Includes a brief summary report of Miller's findings. 6 pages w/ enclosure.

Folder 4.7: 1962 Survey Permit:

1. Danson to "To Whom it May Concern," June 7, 1962. Re: Permission for Miller to conduct archaeological surveys in association w/ the MNA on Navajo Reservation lands. Permit issued by the Department of the Interior included. 8 pages w/ enclosure.

Folder 4.8: Government Documents/Publications:

1. J. M. Snyder (Division of Cartography) to Arthur Abt, July 24, 1952. Re: Aerial photography of the White Mesa region. 2 pages.
2. Miller to Soil Conservation Service, August 2, 1952. Re: Payment for Aerial Mosaics of White Mesa region and southern Utah region. 1 page.
3. Soil Conservation Service to Abt, August 7, 1952. Re: Work order for aerial photos. 3 copies. 3 pages total.
4. Soil Conservation Service to Miller, August 14, 1952. Re: Shipping memo for photos. 3 copies. 3 pages total.
5. Miller to Soil Conservation Service, March 3, 1953. Re: Recent print order; request for adjacent aerial photographs. 1 page.
6. Soil Conservation Service to Miller, March 17, 1953. Re: Letter of 3/3/53. 2 copies. 2 pages total.
7. Miller to Soil Conservation Service, March 24, 1953. Re: Order/payment for prints requested in letter of 3/3/53. 1 page.
8. Soil Conservation Service to Miller, April 2, 1953. Re: Work order for aerial photos ordered in letter of 3/24/53. 4 copies. 4 pages total.
9. Soil Conservation Service to Miller, May 7, 1953. Re: Shipping memo for photos ordered in letter of 3/24/53. 2 copies. 2 pages total.
10. Miller to Soil Conservation Service, May 18, 1953. Re: Request for additional aerial photographs. 1 page.
11. Miller to Soil Conservation Service, May 18, 1953. Re: Request for additional aerial photographs. 1 page.
12. Soil Conservation Service to Miller, May 29, 1953. Re: Telegram confirming print order of 5/18/53; included are 2 copies of the work order for those prints. 3 pages total.
13. Miller to Soil Conservation Service, May 29, 1953. Re: Telegram of 5/29/53; payment for prints. 1 page.
14. Soil Conservation Service to Miller, June 2, 1953. Re: Shipping memo for photos ordered in letter of 3/18/53. 4 copies. 4 pages total.
15. Soil Conservation Service to Miller, June 3, 1953. Re: Explanation of prints sent in recent order. 2 copies. 2 pages total.
16. Miller to Soil Conservation Service, November 9, 1953. Re: Request for an aerial photograph survey map index. 1 page.
17. Soil Conservation Service to Miller, November 30, 1953. Re: Letter of 11/9/53; costs of maps/prints. 2 copies. 2 pages total.
18. Soil Conservation Service to Miller, December 11, 1953. Re: Refund of surplus deposit. 1 page.
19. Miller to Soil Conservation Service, December 9, 1953. Re: Payment for aerial photography prints. 1 page.
20. Soil Conservation Service to Miller, December 15, 1953. Re: : Work order for aerial photos ordered in letter of 11/9/53. 3 copies. 3 pages total.
21. Soil Conservation Service to Miller, January 3, 1954. Re: Shipping memo for photos ordered in letter of 11/9/53. 2 copies. 2 pages total.
22. Miller to Soil Conservation Service, February 9, 1954. Re: Request for additional aerial photograph prints. 1 page.
23. Soil Conservation Service to Miller, February 15, 1954. Re: Refund of surplus deposit. 1 page.



24. Soil Conservation Service to Miller, February 19, 1954. Re: : Work order for aerial photos ordered in letter of 2/9/54. 3 copies. 3 pages total.
25. Soil Conservation Service to Miller, March 22, 1954. Re: Shipping memo for photos ordered in letter of 2/9/54. 2 copies. 2 pages total.
26. Miller to Soil Conservation Service, September 7, 1954. Re: Payment for aerial photograph prints. 1 page.
27. Soil Conservation Service to Miller, September 17, 1954. Re: : Work order for aerial photos ordered in letter of 9/7/54. 2 copies. 2 pages total.
28. Soil Conservation Service to Miller, October 28, 1954. Re: Shipping memo for photos ordered in letter of 9/7/54. 2 copies. 2 pages total.
29. Miller to Soil Conservation Service, November 18, 1954. Re: Order for aerial photograph prints. 1 page.
30. Soil Conservation Service to Miller, December 9, 1954. Re: Letter of 11/18/54. 1 page.
31. Soil Conservation Service to Miller, December 27, 1954. Re: Work order for aerial photos ordered in letter of 11/18/54. 3 copies. 3 pages total.
32. Soil Conservation Service to Miller, January 10, 1955. Re: Shipping memo for photos ordered in letter of 11/18/54. 2 copies. 2 pages total.
33. Miller to U. S. Printing Office, January 27, 1955. Re: Request for listings of all government publications dealing with aerial photography. Attached are the lists and pamphlets sent to Miller. 1 page plus enclosures.
34. Miller to U. S. Printing Office, March 1, 1955. Re: Request to reprint a government publication illustration for a paper on aerial photography. 2 copies. 2 pages total.
35. U. S. Printing Office to Miller, Undated. Re: Letter of 3/1/55. 1 page.
36. Miller to U. S. Defense Department, April 4, 1955. Re: Request to reprint U. S. Army publication illustrations for a paper on aerial photography. 1 page.
37. Herbert M. Jones (Acting Adjutant General of the U. S. Army) to Miller, April 14, 1955. Re: Letter of 4/4/55. 2 copies. 2 pages total.
38. Miller to Soil Conservation Service, February 25, 1956. Re: Payment for aerial photograph prints. 1 page.
39. Soil Conservation Service to Miller, March 8, 1956. Re: Work order for aerial photos ordered on 2/25/56. 3 copies. 3 pages total.
40. Soil Conservation Service to Miller, April 6, 1956. Re: Shipping memo for aerial photos ordered on 2/25/56. 2 copies. 2 pages total.
41. Miller to Soil Conservation Service, April 16, 1956. Re: Payment for aerial photograph prints. 1 page.
42. Soil Conservation Service to Miller, April 23, 1956. Re: Work order for aerial photos ordered on 4/16/56. 3 copies. 3 pages total.
43. Soil Conservation Service to Miller, May 9, 1956. Re: Shipping memo for aerial photos ordered on 4/16/56. 1 page.
44. Miller to Soil Conservation Service, October 15, 1956. Re: Payment for aerial photograph prints. 1 page.
45. Miller to Soil Conservation Service, Undated. Re: Payment for aerial photograph prints. 1 page.
46. Soil Conservation Service to Miller, October 26, 1956. Re: Work order for aerial photos ordered on 10/15/56. 4 copies. 4 pages total.

47. Soil Conservation Service to Miller, November 29, 1956. Re: Shipping memo for aerial photos ordered on 10/15/56. 1 page.
48. Miller to Soil Conservation Service, March 10, 1960. Re: Payment for aerial photograph prints. 1 page.
49. Soil Conservation Service to Miller, March 18, 1960. Re: Work order for aerial photos ordered on 3/10/60. 1 page.
50. Miller to Soil Conservation Service, February 26, 1963. Re: Payment for aerial photograph prints. 1 page.
51. Miller to U. S. G. S., February 26, 1963. Re: Request for U. S. G. S. topo and photo indices. 1 page.
52. U. S. G. S. to Miller, March 12, 1963. Re: Letter of 2/26/63; Flight line diagrams. 1 page.
53. U. S. G. S. to Miller, March 15, 1963. Re: Letter of 2/26/63; photo indexes. 2 copies. 2 pages total.
54. U. S. G. S. to Miller, March 15, 1963. Re: Photo Index order form. 6 copies. 6 pages total.
55. Miller to Soil Conservation Service, March 20, 1963. Re: Print order of 2/26/63. 1 page.
56. Soil Conservation Service to Miller, March 26, 1963. Re: Requisition for photo index sheets. Included is a sheet of instructions for purchasing aerial photo reproductions and pricing. 2 pages.
57. Soil Conservation Service to Miller, March 27, 1963. Re: Letter of 3/20/63. 2 copies. 2 pages total.
58. Soil Conservation Service to Miller, March 28, 1963. Re: Requisition for photo prints. 1 page.
59. Miller to Soil Conservation Service, April 3, 1963. Re: Letter of 3/27/63. 1 page.
60. Miller to U. S. Printing Office, January 26, 1964. Re: Order/payment for U. S. G. S. publications/maps. 2 copies. 2 pages total.
61. Miller to Soil Conservation Service, January 26, 1964. Re: Payment for aerial photo indices. 1 page.
62. Soil Conservation Service to Miller, February 6, 1964. Re: Letter 1/26/64; forward of photo order to Cartographic branch of the National Archives. 2 copies w/ enclosed copy of forwarding memo included. 3 pages total.
63. Miller to U. S. G. S., March 9, 1964. Re: Order for photo-geologic maps. 1 page.
64. Miller to National Archives, March 10, 1964. Re: Order for aerial photos. 1 page.
65. National Archives to Miller, April 27, 1964. Re: Delay in order of 3/10/64. 1 page.
66. National Archives to Miller, May 18, 1964. Re: Order of 3/10/64. 1 page.
67. Miller to National Archives, May 20, 1964. Re: Letter of 5/18/64. 1 page.
68. National Archives to Miller, May 27, 1964. Re: Shipment of order of 3/10/64. 1 page.
69. U. S. G. S. to Miller, July 7, 1967. Re: Aerial photo order of 7/7/67 (not included). attached are two pamphlets of available prints and price lists. 1 page plus enclosures.
70. U. S. G. S. to Miller, March 10, 19???. Re: Unavailability of maps ordered by Miller. Attached is a map index and price sheet. 3 pages total.

Folder 4.9: Miscellaneous:

1. Albert Krassman (Consolidated Engineering Corp.) to Miller, March 15, 1954. Re: Aerial photos. 1 page.
2. Miller to D. Appleton-Century Co., Publishers, January 4, 1955. Re: Request to reprint illustrations from one of their publications. 1 page.
3. Miller to McGraw-Hill Book Co., January 4, 1955. Re: Request to reprint illustrations from one of their publications. 1 page.
4. Miller to Harper & Brothers, Publishers, January 4, 1955. Re: Request to reprint illustrations from one of their publications. 1 page.
5. Harper & Brothers to Miller, January 11, 1955. Re: Letter of 1/4/55. 1 page.
6. Appleton-Century-Crofts, Inc. to Miller, January 12, 1955. Re: Letter of 1/4/55. 1 page.
7. Miller to H. T. U. Smith (University of Kansas), January 14, 1955. Re: Request to reprint illustrations from his book *Aerial Photographs and Their Application* published by Appleton-Century-Crofts, Inc. 1 page.
8. Miller to A. J. Eardley (University of Utah), January 14, 1955. Re: Request to reprint illustrations from his book *Aerial Photographs: Their Use and Interpretation* published by Harper & Brothers. 1 page.
9. McGraw-Hill Book Co. to Miller, January 18, 1955. Re: Letter of 1/4/55. 1 page.
10. A. J. Eardley to Miller, January 24, 1955. Re: Letter of 1/14/55. 1 page.
11. Edward M. Weyer (Editor, *Natural History*) to Miller, January 3, 1955. Re: Miller's submission of an article on White Mesa. 2 pages.
12. Miller to Weyer, January 10, 1955. Re: Letter of 1/3/55. Following is a check stub dated January 17, 1955 in the amount of \$350.00 "For article and cover designs on White Mesa." 1 page plus enclosure.
13. Miller to California Fruit Concentrate Co., April 18, 1955. Re: Possibility of obtaining military-style rations. 1 page.
14. Harold H. Hyde (CA Fig Growers & Packers, Inc) to Miller, April 21, 1955. Re: Letter of 4/18/55. 1 page.
15. Miller to Hyde, April 28, 1955. Re: Letter of 4/21/55. 1 page.
16. Miller to Dri-Lite Foods, April 29, 1955. Re: Order and payment for "instant applesauce." 1 page.
17. Miller to Recreational Equipment Cooperative, April 29, 1955. Re: Order and payment for assorted upcoming survey food supplies. 1 page.
18. Weyer to Miller, June 10, 1955. Re: Return of 12 photographs used in White Mesa article published in March, 1955 issue of *Natural History*. 1 page.
19. Richard B. Woodbury (*American Antiquity*) to Miller, November 29, 1956. Re: Manuscript submitted by Miller on the use of aerial photography in archaeology. 1 page.
20. Miller to Woodbury, December 3, 1956. Re: Letter of 11/29/56. 1 page.
21. Bill Adams (?) to Miller, January 21, 1958. Re: Navajo Canyon system names.
22. Included is Miller's list returned with Adams' comments. 3 pages w/ enclosure.
23. Miller to Clyde Collins, Inc., February 11, 195. Re: Survival kits/package meals. 1 page.
24. Clyde Collins, Inc. to Miller, February 18, 1958. Re: Letter of 2/11/58. 1 page.
25. Miller to LeRoy Seeright, February 26, 1959. Re: Stick balsam applications to telescopic lenses. 1 page.

26. Miller to J. Alden Mason (University Museum -- Philadelphia), August 13, 1959. Re: Owl House Ruin; site info from Alden's survey of the region. 1 page.
27. Miller to Larry Blake (Mt. Wilson Observatory), June 14, 1962. Re: Friendly postcard.
28. Miller to Burroughs Corporation, July 5, 1963. Re: Order/payment for Unisort punch cards. 1 page.
29. Miller to Burroughs Corporation, April 24, 1970. Re: Order/payment for Unisort punch cards. 2 copies. 2 pages total.
30. Burroughs Corporation to Miller, May 13, 1970. Re: Invoice for punch card order. 1 page.
31. Paul S. Martin to Miller, May 15, 1970. Re: Unnamed report by Miller. 1 page.
32. Mary Lou Heuett to Miller, April 9, 1973. Re: Site locations. 1 page.
33. Miller to Hueutt, April 12, 1974. Re: Re: Letter of 4/9/73 -- year for one or the other is a typo. Attached are a report, punch cards and map copies relating to Hueutts query. 1 page front and back plus enclosures.
34. "Tom" to "Dave," March 18, 1977. Re: Manuscript on White Mesa and Navajo Canyon. 1 page.
35. Last page of a letter from Bill Adams, presumably to Miller, undated. Re: Morris/Bernheimer notes; Navajo Canyon maps. 1 page.
36. Unknown (Breternitz?) to Miller, undated. Re: Request to use Navajo Canyon photos in author's dissertation. 1 page.

Folder 4.10: NA Site File Correspondence:

Survey Permits:

1. Euler to Paul Begay, November 9, 1954. Re: Charge for renting horses from Begay for 1955 survey. 1 page.
2. Richard Van Valkenburgh (Navajo tribal archaeologist) to Euler, March 15, 1954. Re: Info for survey permits. 1 page.
3. Euler to Navajo Tribal Council, March 17, 1955. Re: Info for survey permits. 1 page.
4. Van Valkenburgh to Sam Ahkeah (Navajo Tribal Council Chairman), April 2, 1955. Reference for Euler per his letter of 3/17/55. 1 page.
5. Van Valkenburgh to Euler, April 6, 1955. Re: Request for previous year's survey report for permit consideration. 1 page.
6. Euler to Marvin Long (Navajo Tribal official), April 12, 1955. Re: Report on survey of 1954 per Van Valkenburgh letter of 4/6/55. 1 page.
7. Euler to Navajo Tribal Chairman, May 3, 1955. Re: Permit status. 1 page.
8. Jesse Carson to Euler, May 6, 1955. Re: Begay horse/supply rentals. 1 page.
9. Euler to Carson, May 12, 1955. Re: Letter of 5/6/55; decline of rental offer. 1 page.
10. Euler to Begay, May 12, 1955. Re: Carson letter of 5/6/55; decline of rental offer. 1 page.
11. Navajo Tribal Chairman to Marvin Long, May 12, 1955. Re: Permit approval. 1 page.
12. Euler to Navajo Tribe, May 29, 1956. Re: Survey permit request for summer, 1956. 1 page.

13. Van Valkenburgh to Euler, June 4, 1956. Re: Further info on survey plans and objectives. 1 page.
14. Euler to Van Valkenburgh, June 19, 1956. Re: Letter of 6/4/56. 2 pages.
15. Van Valkenburgh to Euler, July 6, 1956. Re: Further info on survey plans and objectives. 1 page.
16. Euler to Van Valkenburgh, July 24, 1956. Re: Letter of 7/6/56. 1 page.
17. Van Valkenburgh to Euler, August 1, 1956. Re: Letter of 7/24/56. 1 page.
18. Van Valkenburgh to Navajo Tribe, August 1, 1956. Re: Tribal memo/permit designating Euler as in cooperation with the tribe in surveying Navajo Canyon sites. 1 page.
19. Euler to Van Valkenburgh, August 5, 1956. Re: Letter of 8/1/56. 1 page.

Ray/Kamb/Miller/Euler, et al:

20. Ray to Euler, July 29, 1955. Re: Ray Navajo Canyon alluvial geology manuscript; possibility of revisiting NA 5653. 4 pages.
21. Euler to Ray, August 5, 1955. Re: Letter of 7/29/55; receipt of manuscript. 1 page.
22. Ray to Euler, August 17, 1955. Re: Manuscript illustrations. 1 page.
23. Miller to Euler, September 28, 1955. Re: Photo enlargements; Ray manuscript; possibility of revisiting NA 5653; Navajo Canyon & White Mesa publication issues. 2 pages.
24. Ray to Euler, October 1, 1955. Re: Proposed trip to Navajo Canyon objectives; Ray manuscript. 2 pages.
25. Euler to Miller, October 3, 1955. Re: Letter of 9/28/55; Euler resignation from MNA; possibility of revisiting NA 5653. 2 pages.
26. Euler to Ray, October 24, 1955. Re: Ray manuscript. 2 pages.
27. Ray to Euler, October 25, 1955. Re: Letter of 10/24/55; survey photos/illustrations. 2 pages.
28. Miller to Euler, October 27, 1955. Re: Recent Euler flight trip; Miller letter to Colton regarding aerial photography paper (enclosed). 3 pages w/ enclosure.
29. Euler to Ray, November 1, 1955. Re: Letter of 10/25/55; publication of survey reports. 1 page.
30. Miller to Euler, November 10, 1955. Re: Photos from Euler flight trip. 1 page.
31. Miller to Euler, January 8, 1956. Re: Navajo Canyon map; aerial photography manuscript. 1 page.
32. Euler to Miller, January 12, 1956. Re: Letter of 1/8/56. 1 page.
33. Ray to Euler, January 14, 1956. Re: Photos. 1 page.
34. Euler to Ray, January 22, 1956. Re: Letter of 1/14/56. 1 page.
35. Miller to Euler, January 28, 1956. Re: Sherd bags; mapping site numbers. 1 page.
36. Euler to Miller, February 2, 1956. Re: Letter of 1/28/56. 1 page.
37. Miller to Euler, February 23, 1956. Re: Death of George Brainerd; Ray wanting to revisit NA 5653. 1 page.
38. Ray to Euler, May 22, 1956. Re: Proposed trip to Navajo Canyon in August, 1956 to excavate NA 5839. 1 page.
39. Ray to Euler, June 5, 1956. Re: Letter of 5/29/56 (not included); trip to Navajo Canyon. 1 page.
40. Ray to Euler, July 27, 1956. Re: Date of trip to Navajo Canyon w/ Euler. 1 page.

41. Euler to Ray, July 30, 1956. Re: Excavation permit. 2 pages.
42. Euler to Ray, July 30, 1956. Re: Letter of 7/27/56. 1 page.
43. Euler to Miller, July 30, 1956. Re: Trip with Ray to Navajo Canyon; aerial photography paper. 1 2 pages.
44. Euler to Miller, July 31, 1956. Re: Suggestion to submit aerial photography paper to *American Antiquity*. 1 page.
45. Miller to Euler, August 3, 1956. Re: Letters of 7/30/56 and 7/31/56. 1 page.
46. Euler to Miller, August 5, 1956. Re: Letter of 8/3/56. 2 pages.
47. Miller to Euler, August 24, 1956. Re: Letter of 8/5/56. 1 page.
48. Euler to Miller, August 30, 1956. Re: Letter of 8/24/56. 1 page.
49. Euler to Ray, September 2, 1956. Re: Sherd analysis from 1956 Navajo Canyon trip. 2 pages.
50. Ray to Euler, September 6, 1956. Re: Letter of 9/2/56. 2 pages.
51. Euler to Ray, September 13, 1956. Re: MNA publications of articles on Navajo Canyon work. 2 pages.
52. Miller to Euler, October 7, 1956. Re: White Mesa site descriptions; aerial photography manuscript. 1 page.
53. Ray to Euler, October 10, 1956. Re: Aerial photos. 1 page.
54. Euler to Miller, October 23, 1956. Re: Letter of 10/7/56. 1 page.
55. Miller to Euler, November 18, 1956. Re: Aerial photography manuscript. 2 pages.
56. Euler to Miller, November 28, 1956. Re: Letter of 11/18/56. 1 page
57. Euler to Ray, November 28, 1956. Re: Letter of 10/10/56. 1 page.
58. Euler to Miller, January 31, 1957. Re: Navajo Canyon report; photo prints from 1956 trip. 1 page.
59. Danson to Miller, Ray, Euler, Breternitz, June 3, 1957. Re: Navajo Canyon report. 1 page.
60. Miller to Euler, July 7, 1957. Re: Danson memo of 6/3/57. 1 page.
61. Euler to Miller, August 2, 1957. Re: Letter of 7/7/57. 1 page.
62. Miller to Euler, January 11, 1959. Re: Canyon names; ceramic analysis; Navajo Canyon report. 2 pages.
63. Euler to Miller, January 15, 1959. Re: Letter of 1/11/59. 2 pages.
64. Danson to Euler, January 21, 1959. Re: Miller's proposed agenda for the preparation of the Navajo Canyon survey report (included). 2 pages w/ enclosure.
65. Miller to Euler, January 25, 1959. Re: Letter of 1/15/59; Ray name change to Kamb. 1 page.
66. Miller to Euler, February 8, 1959. Re: Petroglyph at NA 5990 possible being associated with supernova of 1054; Navajo Canyon system names; death of Horace Haskell. 2 pages.
67. Kamb to Euler, February 14, 1959. Re: Geologic section of Navajo Canyon report; sherd analysis. 4 pages.
68. Euler to Kamb, February 20, 1959. Re: Letter of 2/14/59; site analysis. 4 pages.
69. Euler to Miller, February 20, 1959. Re: Letter of 2/8/59; site analysis. 2 pages.
70. Miller to Euler, February 24, 1959. Re: Letter of 2/20/59; site analysis. 1 page.
71. Kamb to Euler, February 25, 1959. Re: Letter of 2/20/59; site analysis. 3 pages.
72. Euler to Miller, February 26, 1959. Re: Photo of petroglyph at NA 5990; Navajo Canyon sherd collections. 1 page.

73. Euler to Kamb, March 12, 1959. Re: Letter of 2/25/59; site analysis; attached is a small hand-written note asking Kamb to "reconstruct the scene at 5653A." 2 pages plus enclosure.
74. Kamb to Euler, March 26, 1959. Re: Sherd analysis; photo negatives. 1 page.
75. Euler to Kamb, April 15, 1959. Re: Request for Kamb to attend Society of American Archaeology (SAA) meetings in May, 1959 at Salt Lake City. 1 page.
76. Kamb to Euler, April 17, 1959. Re: Letter of 4/15/59; unable to attend SAA conference; award of a Guggenheim fellowship to Kamb. 1 page.
77. Euler to Kamb, April 21, 1959. Re: Letter of 4/17/59. 1 page.
78. Euler to Miller, May 5, 1959. Re: Miller correspondence w/ Danson; Breternitz leaving MNA; proposed short trip to Navajo Canyon. 1 page.
79. Euler to Kamb, May 5, 1959. Re: SAA meetings; proposed short trip to Navajo Canyon. 1 page.
80. Miller to Euler, May 7, 1959. Re: Letter of 5/5/59. 2 page.
81. Euler to Miller, May 21, 1959. Re: *Life* article; Miller visit in August. 1 page.
82. Miller to Euler, June 24, 1959. Re: Kamb's geologic section of Navajo Canyon report; survey trip in August. 1 page.
83. Miller to Euler, July 13, 1959. Re: August survey. 1 page.
84. Euler to Miller, July 16, 1959. Re: August survey. 1 page.
85. Miller to Euler, July 26, 1959. Re: August survey. 1 page.
86. Miller to Euler, July 27, 1959. Re: August survey. 1 page.
87. Euler to Miller, August 21, 1959. Re: Breternitz comments on Navajo Canyon report (not included). 1 page.
88. Miller to Euler, September 15, 1959. Re: Draft of Breternitz section of Navajo Canyon report; photo prints for report. 1 page.
89. Euler to Miller, September 22, 1959. Re: Letter of 9/15/59. 1 page.
90. Miller to Euler, September 23, 1959. Re: Breternitz section of Navajo Canyon report; photo negatives. 1 page.
91. Miller to Euler, October 2, 1959. Re: Navajo Canyon map prints for report; White Mesa site write-up. 1 page.
92. Miller to Euler, October 5, 1959. Re: White Mesa site info. 1 page.
93. Euler to Miller, October 16, 1959. Re: Letter of 10/5/59. 1 page.
94. Euler to Miller, November 17, 1959. Re: White Mesa site info. 2 pages.
95. Breternitz to Euler, December 1, 1959. Re: Miller White Mesa manuscript; Breternitz section of Navajo Canyon report. 1 page.
96. Miller to Euler, January 11, 1960. Re: Breternitz manuscript; White Mesa manuscript. 1 page.
97. Euler to Miller, January 19, 1960. Re: Letter of 1/11/60. 2 page.
98. Miller to Euler, February 12, 1960. Re: Letter of 1/19/60; difficulties w/ Kamb report. 2 pages.
99. Miller to Euler, February 28, 1960. Re: White Mesa Manuscript. 1 page.
100. Miller to Euler, Breternitz, Kamb, February 28, 1960. Re: Navajo Canyon report procedures. 2 pages.
101. Miller to Euler, March 28, 1960. Re: Kamb report section; 1960 summer survey. 1 page.
102. Euler to Miller, April 5, 1960. Re: Navajo Canyon report; 1960 summer survey. 2 pages.

103. Miller to Euler, April 6, 1960. Re: Letter of 4/5/60; Kamb report section. 1 page.
104. Miller to Euler, April 18, 1960. Re: Kamb manuscript. 1 page.
105. Miller to Euler, August 14, 1960. Re: Navajo Canyon report. 1 page.
106. Paul Martin to Euler, January 19, 1961. Re: Martin report coauthored with James Schoenwatter titled "Pollen Analysis of Alluvium From Binne-Ettini Canyon". 1 page.
107. Euler to Martin, January 28, 1961. Re: Letter and manuscript of 1/19/61. 1 page.
108. Miller to Euler, February 26, 1961. Re: Navajo Canyon report. 1 page.
109. Euler to Miller, February 28, 1961. Re: Letter of 2/26/61. 1 page.
110. Martin to Euler, April 17, 1961. Re: Martin/Schoenwatter finished report (included). 7 pages w/ enclosure.
111. Hugh Cutler to Euler, June 21, 1961. Re: Cutler report on Navajo Canyon (not included). 1 page.
112. Miller to Euler, June 30, 1961. Re: Navajo Canyon report. 1 page.
113. Euler to Cutler, July 2, 1961. Re: Letter of 6/21/61. 1 page.
114. Euler to Martin. July 9, 1961. Re: Letter/report of 4/17/61.
115. Euler to Miller, July 9, 1961. Re: Navajo Canyon report. 1 page.
116. Euler to Miller, July 16, 1961. Re: Navajo Canyon report. 1 page.
117. Miller to Euler, July 17, 1961. Re: Letter of 7/9/61. 2 pages.
118. Euler to Miller, July 20, 1961. Re: Letter of 7/17/61. 2 pages.
119. Miller to Euler, July 21, 1961. Re: Letter of 7/16/61. 1 page.
120. Miller to Euler, December 2, 1961. Re: Photo prints; correspondence w/ G. Alden Mason. 1 page.
121. Miller to Euler, December 2, 1961. Re: Navajo Canyon report. 1 page.
122. Breternitz to Euler, March 19, 1962. Re: Nitsie Canyon ceramics. 3 pages.
123. Miller to Euler, July 11, 1962. Re: Site info from Christy Turner Cummings Mesa survey/excavation notes. 1 page.
124. Miller to Euler, July 16, 1962. Re: Navajo Canyon geology report by "Cooley." 1 page.
125. Euler to Miller, August 8, 1962. Re: Letter of 7/16/62. 1 page.
126. Miller to Euler, August 10, 1962. Re: Kamb report section. 1 page.
127. Miller to Euler, August 20, 1962. Re: Navajo Canyon report; Cooley report. 1 page.
128. Danson to Euler, March 30, 1964. Re: Euler's leaving MNA; Navajo Canyon materials. 1 page.
129. Euler to Danson, April 21, 1964. Re: Letter of 3/30/64. 1 page.
130. Roland Richert (Ruins Stabilization Unit – National Park Service) to Lindsay, April 1, 1970. Re: Glen Canyon Site info. 1 page.
131. Lindsay to Miller, April 8, 1970. Re: Richert Letter of 4/1/70. 1 page.
132. Lindsay to Richert, April 16, 1970. Re: Letter of 4/1/70. 1 page.
133. Lindsay to Miller, April 24, 1970. Re: NA 6396 info for Richert; Navajo Canyon Project file borrowed from Euler. 1 page.

Folder 4.11: 1952 Survey Report:

1. Miller to Colton, July 28, 1953. Re: Preliminary report for 1952 survey (copy enclosed – original in Folder 3.10b). 6 pages with enclosure.
2. Colton to Miller, July 31, 1953. Re: 1952 report. 1 page.
3. Euler to Colton, August 21, 1953. Re: 1952 report. 1 page.



## *Section 5 – Published Materials:*

### Folder 5:

1. Multiple copies, one has “Return to Wm. C. Miller” written on cover, of a pamphlet titled Two Possible Astronomical Pictographs Found in Northern Arizona by William C. Miller. Reprinted from *Plateau* (April 1955, 27:4). Drafts of this article are in Folder 3.46. 13 pages each.

### Folder 5.1:

1. Complete issue of a Dutch (?) Astronomy journal called *Nordisk Astronomisk Tidsskrift* dated 1955 No. 4 which contains a translation of Miller’s *Plateau* article in Folder 5.

### Folder 5.2:

1. Two copies of the July 11, 1955 (LXVI:2) issue of *Time* magazine. On page 63 there is a short article summarizing Miller’s *Plateau* article in folder 5.

### Folder 5.3:

1. Multiple copies of an article titled “Uses of Aerial (sic) Photographs in Archaeological Field Work” by William C. Miller reprinted from pages 46 – 62 of the July, 1957 issue of *American Antiquity* (23:1).

### **MS 285 Slide Index:**

The slides contained in MS 285, the Miller Collection, are listed as they appear in the 39 pages held in the MNA archives. The indexed page listings correlate with the images as viewed in these pages, left to right and top to bottom. The first four digits of each ID number denote the year, after which each slide is identified by an individual number according to Miller's own labeling. In the cases of images Miller failed to number, whatever information on the slide card available is used instead. Wherever extant, identifying information contained on the slide cards is also listed next to the corresponding slide ID number. It should also be noted that although the scanned images of each page which follow the numerical listing are in black and white, the actual slides are color images.

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1952.184	NA 5561.5 Ruins in Cave
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1953.76	NA 5564.1
1953.81	NA 5576.1
1953.82	NA 5575.1
1953.85	Rock formations in White Mesa
1953.91	NA 5595.7 Remnant of guard wall protecting tanks
1953.91a	NA 5595.6 Natural tanks above cave
1953.93	NA 5595.2 Looking down from top of cliff - Tanks above cave
1953.98	NA 5583.1
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1954.11 NA 5563.6  
1954.12 NA 5563.5  
1954.13 NA 5563.4  
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1954.64	NA 5633.1
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Land of Standing Rocks, Utah



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1956.211  
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1956.214

Two Navajo friends at Navajo Mount.

Fred Hoyle, Land of Standing Rocks, Nav. Mt. Monument Valley  
\*COPY\* Monument Valley, AZ

1956.216  
1956.219  
1956.220

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1956.225	Navajos going to Shonto Trading Post
1956.231	
1956.232	
1956.239	NA 5561.3 White Mesa
1956.249	
1956.251	Teddy Nez's wife weaving, White Mesa, Ariz.
1956.256	Teddy Nez's wife at loom, White Mesa, Ariz.
1956.x	
1957.3	
1957.4	
1957.5	
1957.6	Navajo hogan sheltered us from bad storm
1957.7	Charlie Church's hogan - first day
1957.8	
1957.9	
1957.10	
1957.11	
1957.13	First day out
1957.14	
1957.15	

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1957.16	
1957.17	
1957.18	
1957.19	Harry, Dave, Bill near Charlie Church's hogan - Taken by Helmut Abt
1957.20	
1957.21	
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1957.54	On trail towards Tse Toute Trail above junct. of Navajo Creek & Kaibeto Creek
1957.55	
1957.56	
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1957.62	
1957.63	
1957.64	
1957.68	
1957.69	Navajo sheep in Navajo Canyon
1957.70	
1957.73	
1957.79	
1957.80	
1957.81	Confluence of Colo. R. & Navajo Creek
1957.81.1	Mouth of Nav. Can. - Sept. 57
1957.81.2	Mouth of Nav. Can. - Sept. 57
1957.85	
1957.88	
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1957.93	
1957.94	
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1957.102	
1957.104	
1957.109	Navajo Canyon
1957.113	
1957.114	Camp at Jai-yi Creek
1957.115	Navajos at summer shelter under willow tree
1957.117	Navajo sheep and goats - Navajo Mt. in background
1957.118	
1957.119	
1957.120	
1957.124	
1957.125	
1957.129	
1957.134	Navajo summer camp - Navajo Canyon, Ariz.

1957.135

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1957.136

1957.137

The fiasco in Navajo Creek - Taken by Helmut Abt

1957.139

1957.141

1957.148

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1957.154

1957.155

1957.158

Dinosaur tracks in Navajo Canyon

1957.159

Dinosaur tracks in Navajo Canyon

1957.160

Dinosaur tracks in Navajo Canyon

1958.2

1958.3

“Christmas Tree” corner rock pile - road to Nav. Mt. trading post

1958.4

“Christmas Tree” corner, road through rock pile

1958.7

1958.8

1958.9

1958.10

1958.13

Trail from Coon Buttes to Rex Nez Canyon

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1958.28

1958.31

1958.36

Camp - Rex Nez

1958.37

Rex Nez Canyon

1958.40

Rex Nez Canyon

1958.47

40 Caves Canyon

1958.48

1958.x

1958.52

“Three Finger” Canyons west of 40 Canes and Rex Nez Canyons

1958.53

Junction - Rex Nez and 40 Caves Canyons

1958.54

40 Caves Canyon

1958.59

40 Caves Canyon near “Big Hole Ruin”

1958.60

Lower end - 40 Caves Canyon

1958.62

1958.63

1958.64

1958.65

1958.69

Junction Rex Nez and Long Corner Canyons

1958.73

Long Corner Canyon - View from Kayenta bench of camp site by stream

1958.75 Near upper and Long Corner Canyon - Contact between Wingate and Kayenta

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1958.78 Oak grove camp - Long Corner Canyon - Lloyd Laughter and Wilson Smallsalt breaking in colt  
1958.79 Oak grove camp - Long Corner Canyon - Navajos subduing wild horse  
1958.80 Navajos subduing a wild horse  
1958.81 Oak grove camp - Long Corner Canyon  
1958.82  
1958.83  
1958.86 Long Corner Canyon above Oak grove camp  
1958.88 Between Long Corner and Peach Canyons  
1958.93 Peach Canyon  
1958.97 Peach Canyon  
1958.98 Oak grove camp - Long Corner Canyon  
1958.99 Dave Breternitz - Camp in Long Corner Canyon  
1958.100 Long Canyon  
1958.101 Long Canyon  
1958.103 Long Canyon  
1958.104 Long Canyon  
1958.105 Sitting along Navajo Creek  
1958.107 Camp - Lost Leg Canyon  
1958.108 Upper end Lost Leg Canyon - Navajo hogan, our horses  
1958.109 Upper end Lost Leg Canyon

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1958.110 Upper end Lost Leg Canyon  
1958.111 Upper end Lost Leg Canyon  
1958.112 Upper end Lost Leg Canyon  
1958.122  
1958.123 "Staircase" between Lost Leg and Black Sage Canyons  
1958.124 "Staircase" - prehistoric  
1958.126 Lost Leg Canyon  
1958.127 Lost Leg Canyon west of Staircase  
1958.129 Lost Leg Canyon - Camp in clump of trees by stream  
1958.130 Dave Breternitz, W. C. Miller, Horace Haskell, Tom Jones  
1958.131 Camp - Lost Leg Canyon  
1958.132 Trilobite (?) Lost Leg Canyon  
1958.134 Gishi Canyon  
1958.135 Gishi Canyon - upper end  
1958.136 Gishi Canyon - upper end  
1958.138 Gishi Canyon - upper end  
1958.140 Gishi Canyon  
1958.141 Gishi Canyon - Northeast fork

1958.144 Gishi Canyon - Northeast fork  
1958.145 Camp - Northeast fork - Gishi

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1958.147	North fork - Gishi Canyon
1958.149	North fork - Gishi Canyon
1958.150	
1958.151	
1958.154	North fork - Gishi Canyon
1958.156	Gishi Canyon
1958.157	Tributary to Gishi
1958.159	Tributary to Gishi
1958.may20	Gishi Canyon
1958.may9	Gishi Camp
1958.may11	Long Canyon
1958.may33	Staircase
1958.x9	Sunset view in Navajo Canyon
1963.1	
1963.2	
1963.3	
1963.7	
1963.9	
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1963.18	

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1963.38	1963 III - 3
1963.39	
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1963.128	
1963.150	
1963.179	
1963.180	
1963.181	
1963.182	
1964.1	
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1964.68	1965 Seconds
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1964.90	

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1964.91	
1964.92	
1964.93	
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1964.95	
1964.96	Navajo sheep in Parish Wash - Tyende Mesa, Ariz.
1964.97	
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1964.99	
1964.100	
1964.101	
1964.102	
1964.103	
1964.115	
1965.1	
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1965.may10	
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1968.a15  
1966.a16  
1966.a17

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1968.a21  
1968.a22  
1968.b16  
1968.b17  
1968.b19  
1968.b21  
1968.c2  
1968.c4  
1968.c7  
1968.c9  
1968.c13  
1968.c20  
1968.d2  
1968.d4  
1968.d5  
1968.d6  
1968.d7  
1968.d9

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1968.d16  
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1968.d24  
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1968.d32  
1968.d36  
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1970.5

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1970.8	
1972.172	
1972.185	
1972.186	
1972.187	
1972.189	
1972.211	
1974.1	
1974.2	
1974.3	
1974.8	
1974.13	
1974.17	
1974.19	
1974.21	
1974.x1	
1974.x2	
1974.x3	
1974.x4	

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1974.x5	Brucato
1974.x6	Brucato

NA5561.6 White Mesa  
1954.118 NA 5564.4

### *MS 285 Map Index:*

Note: As of now, the majority of Miller's maps are held in folders as listed below. The exception being Folder M6 -- titled "Oversized." Those are currently held in a map drawer separate from the other materials in this collection. Eventually, all the maps will be switched to flat storage, but this listing shall remain an accurate listing.

#### *Folder M1 – Arizona:*

1. Three pages of geologic U.S.G.S. report attached to a small map of the Navajo Canyon System and hand-written note card with corresponding geological cross-section information on the region and paper negatives of the report.
2. Two copies of U.S. Dept. of the Interior Geological Survey topographic map index of Arizona, circa mid-seventies. Three copies of a legend of Topographic Map Symbols used in U.S.G.S. maps.
3. U.S.G.S. Boot Mesa Quadrangle - AZ/UT 15 Minute Series - 1:62,500 Scale (1952)
4. U.S.G.S. Mapped Index to Topographic Mapping in Arizona (June, 1950)
5. Partial U.S.G.S. map of AZ with notes (copy of NE quad - no date)
6. Topographic map of unknown origin - sections of the Hopi and Navajo Reservations (1951)
7. Topographic map of unknown origin - section of NW Arizona (1951)
8. Original section and seven photocopies of a hand-drawn map titled "Geologic Map of a part of the Navajo Canyon Drainage" from air photos by U.S.S.C.S. by B. Ray (1955)
9. Original U.S.G.S. "Reconnaissance Geologic Map of the Papago Country, Arizona" - 1:500,000 Scale (1924). Added plotting in colored pencil.
10. Partial copy of U.S.G.S. "Reconnaissance Geologic Map of the Papago Country, Arizona" - 1:500,000 Scale (1924)
11. Small map labeled "White Mesa, Arizona – 1959 – Miller"
12. Draft, two glossy copies and 10 photocopies of a small map labeled "Navajo Canyon System, Arizona – Miller – 1956"
13. Small, untitled hand-drawn map of a portion of the Navajo Canyon region.
14. Small, untitled hand-drawn map of a portion of the Navajo Canyon region with overlaid place names attached.
15. Three copies of a small untitled map of the Navajo Canyon region labeled "Miller – 1956.
16. Two small copies of U.S.G.S. Leche-E Rock Quadrangle - AZ 15 Minute Series - 1:62,500 Scale (1954)
17. Original and two copies of hand-drawn map labeled "Carl I. Wheat's map of Navajo Canyon with his canyon names. March 15, 1955."
18. Numerous copies of Miller's Navajo Canyon maps in various stages of labeling.
19. Two small maps with color coded shading indicating "Area of inundation" and "Additional area explored. Labeled "Map I" and "Map II."
20. Two small copies of U.S.G.S. Navajo Creek Quadrangle - AZ 15 Minute Series - 1:62,500 Scale (1954)
21. Two copies of an U.S.G.S. map labeled "Arizona – Marsh Pass Sheet"- 1:250,000 Scale (Edition of 1892, reprinted 1922)

22. Two copies of an untitled/dated map showing enlarged region of Navajo Creek from the U.S.G.S. "Marsh Pass Sheet."
23. Two copies of an U.S.G.S. map labeled "Arizona - Echo Cliffs Sheet" - 1:250,000 Scale (Edition of Nov. 1891, reprinted April 1913)
24. Large, untitled map of Navajo Canyon system section with penciled notes/plotting.
25. Large, untitled map of Navajo Canyon system section with penciled notes/plotting.
26. Large map titled "Navajo Canyon, Ariz. Drawn by Wm. C. Miller" with penciled notes/plotting.
27. Large map titled "Navajo Canyon System - Arizona (Miller, 1956)" with penciled notes/plotting.
28. Photocopies of Navajo Canyon map sections. Origin unknown.
29. Hand-drawn map with NA sites plotted labeled "Copy of Adams' sketch map of PE 1 - 5."
30. Hand-drawn map with NA sites plotted labeled "From mosaic - Scale: 2" = 1 mile (I think) - Copied from Adams' tracing of the mosaic."

Folder M2 - Utah:

1. U.S.G.S. Navajo Mtn. 4 SW Quadrangle - 1:24,000 Scale - UT/AZ (1953)
2. U.S.G.S. Clay Hills 4 SE Quadrangle - UT/San Juan Co. - 1:24,000 Scale (1952)
3. U.S.G.S. Clay Hills 4 SW Quadrangle - UT/San Juan Co. - 1:24,000 Scale (1952)
4. U.S.G.S. Navajo Mtn. 4 NE Quadrangle - UT/San Juan Co. - 1:24,000 Scale (1952)
5. U.S.G.S. Gunsight Butte Quadrangle - UT/AZ 15 Minute Series - 1:62,500 Scale (1953)
6. U.S.G.S. Oljeto Quadrangle - UT/AZ 15 Minute Series - 1:62,500 Scale (1952) - 2 copies.
7. U.S.G.S. No Mans Mesa Quadrangle - UT/AZ 15 Minute Series - 1:62,500 Scale(1953) - 2 copies.
8. U.S.G.S. Cummings Mesa Quadrangle - UT/AZ 15 Minute Series - 1:62,500 Scale (1953) - 2 copies.
9. U.S.G.S. Navajo Mountain Quadrangle - UT/AZ 15 Minute Series - 1:62,500 Scale (1953) - 2 copies.
10. U.S.G.S. Navajo Mtn. 4 SE Quadrangle - UT/San Juan Co. - 1:24,000 Scale (1952)
11. U.S.G.S. Utah (San Juan County) Elk Ridge Quadrangle - 1:25,000 Scale (1940)
12. U.S.G.S. Navajo Mtn. 4 NW Quadrangle - UT/San Juan Co. - 1:24,000 Scale (1953)
13. U.S.G.S. Photogeologic Map of the Navajo Mountain-15 Quadrangle - San Juan Co., UT and Navajo Co., AZ - 1:24,000 Scale (Map I-185 1956)
14. U.S.G.S. Photogeologic Map of the Navajo Mountain-14 Quadrangle - San Juan Co., UT and Coconino Co., AZ - 1:24,000 Scale (Map I-238 1957)
15. U.S.G.S. Photogeologic Map of the Navajo Mountain-13 Quadrangle - Kane and San Juan Cos., UT and Coconino Co., AZ - 1:24,000 Scale (Map I-184 1956)
16. U.S.G.S. Photogeologic Map of the Navajo Mountain-10 Quadrangle - San Juan Co., UT - 1:24,000 Scale (Map I-233 1957)
17. Small (7.5" by 9.5") copy of a map of the SW quadrangle of UT. Not dated or labeled.
18. U.S.G.S. Mapped Index to Topographic Mapping in Utah (September, 1950)
19. U.S.G.S. Mapped Index to Topographic Mapping in Utah (January, 1956) with attached hand-written note.
20. U.S.G.S. map of Utah - 1:1,000,000 Scale (copy-1940)
21. Map titled "Colorado River Lees Ferry to Dirty Devil River" compiled from U.S.G.S. Quad sheets 1952-4.
22. Four photocopies labeled "Sketch Map of Lower San Juan River."

Folder M3 – California:

1. Copy of a map of Mt. Wilson region of southern California titled “A.M.R.S. - Place Names.”
2. Sectional Aeronautical Charts for Los Angeles (60<sup>th</sup> ed. 1965 - 2 copies), San Francisco (58<sup>th</sup> ed 1965), San Diego (58<sup>th</sup> ed. 1965) and Mt. Whitney (56<sup>th</sup> ed. 1966).
3. U.S.G.S. Matterhorn Peak Quadrangle - CA - 15 Minute Series - 1:62,500 Scale (1956)
4. U.S.G.S. Hayfield Quadrangle - CA/Riverside Co. - 15 Minute Series - 1:62,500 Scale (1963)
5. Three copies of U.S.G.S. Mapped Index to Topographic Maps in California (October, 1966 - March, 1972 - March, 1973)
6. U.S.G.S. Blanco Mountain Quadrangle - CA - 15 Minute Series - 1:62,500 Scale (1951)
7. U.S.G.S. Bishop Quadrangle - CA - 15 Minute Series - 1:62,500 Scale (1949)
8. Partial photocopy with margin notes of SW section of the U.S.G.S. Old Woman Springs Quadrangle - CA - 15 Minute Series - 1:62,500 Scale (1955)

Folder M4 – Aerial Mosaics:

1. U.S.S.C.S. mapped index titled “Extent of Aerial Mosaics - Utah, Colorado, Arizona, New Mexico.” (No date)
2. U.S.S.C.S. Utah Extent of Aerial Mosaics (March 31, 1952)
3. Alternate U.S.S.C.S. Utah Extent of Aerial Mosaics (March 31, 1952)
4. U.S.S.C.S. Arizona Extent of Aerial Mosaics (March 31, 1952)
5. U.S.S.C.S. Aerial Photography Status Map of Utah (May 1, 1959)

Folder M5 – Miscellaneous:

1. Copy of a map labeled “Fig 2. Map of the Sonoran shore and adjacent areas, showing *Chione cancellata* sites, limits of turritella-bearing sand, and principal place names.” No date or source noted.
2. U.S.G.S. Mapped Index to Topographic Mapping in Nevada (October, 1950)
3. Small glossy copy of a map titled “Automobile Road Map of the Indian Country – Embracing Portions of Arizona, New Mexico, Utah and Colorado. Origin and date unknown.
4. Large “Map of Anza’s Routes Through Pimeria Alta 1774-1776. Compiled from original data and personal explorations by Herbert E. Bolton - 1930.”
5. Large map labeled “map of Baja California Pimeria Alta” in pencil.

Folder M6 – Oversized:

Note: Unless otherwise noted, maps in this section are either originals or copies of Miller’s own hand-drawn maps. The medium sized and small versions of which are reductions of these much larger originals.

1. Two copies of a medium sized Navajo Canyon System map section on heavy photo paper. One has numerous sites plotted throughout.
2. Two copies of a medium sized Navajo Canyon System map section on heavy photo paper.
3. Medium sized Navajo Canyon System map in two sections on heavy photo paper.
4. Large Navajo Canyon System map section on heavy photo paper.
5. Two copies of a medium sized Navajo Canyon System map section on heavy photo paper.
6. Medium sized Navajo Canyon System section map with overlaid site plotting.

7. Medium sized Navajo Canyon System section map with overlaid site plotting.
8. Medium sized Navajo Canyon System section map with overlaid site plotting.
9. Medium sized Navajo Canyon System section map with overlaid site plotting.
10. Medium sized Navajo Canyon System section map with overlaid site plotting.
11. Reverse image original of Miller's large Navajo Canyon System map.
12. Large map titled "N. E. ARIZ. & S. E. UTAH – Adapted from U.S.G.S. AMS 1/250,000 NJ - 12 - 11 / NJ - 12 - 8 / Figure 2."
13. Large map of the Navajo Canyon System in two attached sections.
14. Large map of the Navajo Canyon System in two attached sections. Identical to map M6 – #13 with numerous sites plotted in red ink.
15. Two copies of a large map labeled "Miller – 1956." Shows Navajo and Chaol Canyons.
16. Large U.S.G.S. Topographic map of Mesa Verde National Park – Scale 1:31,250 (Edition of 1915, reprinted 1948)
17. Two copies of a large map of Titled "White Mesa, Arizona – 1959."
18. Large map of Titled "White Mesa, Arizona – 1959" with numerous sites plotted in red ink.
19. Large map titled "Navajo Canyon System" dated 1956 with numerous sites plotted in black ink.
20. Five copies of a large map titled "Navajo Canyon System" dated 1956. Two copies are labeled "1<sup>st</sup> version" and "1<sup>st</sup> Edition" on back.
21. Five copies of a large untitled map of the Navajo Canyon System dated 1956 (different from those in M6 – #20). One copy labeled "Colorado River – Navajo Canyon First Edition."
22. Eight large site overlays for Miller's Navajo Canyon map. Each has the sites plotted for a corresponding time frame. Labeled: BM II & III; P I; P II E; P II L; P III E; P III M; P III L; P INDET(erminate).